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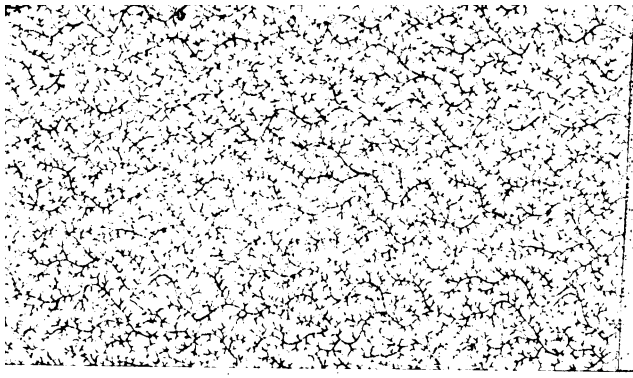

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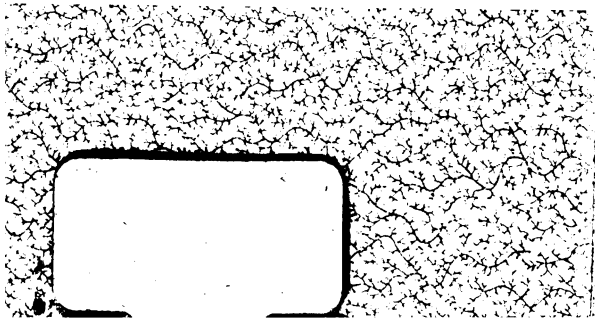

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Dr.
Ca

REMARKABLE

NEWS from the STARS

OR, AN

EPHEMERIS

For 1770.

WITH

Observations upon the ECLIPSES, *Solar Ingresses*, and *Configurations* of the HEAVENS happening therein.

Being Second after *Bissextile*, or *Leap-Year*.

And from the *Creation* of the WORLD, According to the Best of History, 5720 Years.

WHEREIN

You have an ACCOUNT of many Things concerning the *Heavenly Bodies*, and their *Portents*, in the same YEAR. With some other very *Considerable Matters*.

By WILLIAM ANDREWS, Student in *ASTROLOGY*.

A DEO pendent Omnia.

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A TABLE *of the* Moon's-Age, *for eve*
Day throughout this Year 1770. *Wherei*
with the Help of the enſuing Tide-Tabl
the Time of High-Water *and* Full-Ti
may be found in thoſe Places there inſertea

D.	Jan.	Feb.	Mar	Apr	May	Jun	Ju.	Aug	Sep	Oct.	No	L
1	4	6	4	5	6	7	8	10	11	11	15	1
2	5	7	5	6	7	8	9	11	12	12	16	1
3	6	8	6	7	8	9	10	12	13	13	F	1
4	7	9	7	8	9	10	11	13	14	F.	18	
5	8	10	8	9	10	11	12	14	F.	15	19	
6	9	11	9	10	11	12	13	F.	16	16	20	
7	10	12	10	11	12	13	F.	16	17	17	21	2
8	11	13	11	12	13	F.	15	17	18	18	22	2
9	12	14	12	13	14	15	16	18	19	19	23	2
10	13	F.	13	F.	F.	16	17	19	20	20	24	2
11	F.	16	F.	15	16	17	18	20	21	21	25	2
12	15	17	15	16	17	18	19	21	22	22	26	2
13	16	18	16	17	18	19	20	22	23	23	27	2
14	17	19	17	18	19	20	21	23	24	24	28	2
15	18	20	18	19	20	21	22	24	25	25	29	2
16	19	21	19	20	21	22	23	25	26	26	N.	3
17	20	22	20	21	22	23	24	26	27	27	1	1
18	21	23	21	22	23	24	25	27	28	N.	2	
19	22	24	22	23	24	25	26	28	29	1	3	
20	23	25	23	24	25	26	27	29	N	2	4	
21	24	26	24	25	26	27	28	N.	1	3	5	
22	25	27	25	26	27	28	N	1	2	4	6	
23	26	28	26	27	28	N	1	2	3	5	7	
24	27	N	27	28	N.	1	2	3	4	6	8	
25	28	1	28	N.	1	2	3	4	5	7	9	
26	N	2	29	1	2	3	4	5	6	8	10	
27	1	3	N.	2	3	4	5	6	7	9	11	1
28	2	4	1	3	4	5	6	7	8	10	12	1
29	3	—	2	4	5	6	7	8	9	11	13	1
30	4	—	3	5	6	7	8	9	10	12	14	1
31	5	—	4	6	7	—	9	10	—	13	—	1

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READER,

THE *Uſe of the* Table *of the* Moon's-Age, *and the Two enſuing* Tide-Tables, *is to find the Time of* High-Water *or* Full-Tide, *in any of thoſe Places inſerted in the ſaid* Tide-Tables.

The Table *of the* Moon's Age *is eaſily underſtood; for find the Month deſired in the Head of the* Table, *and the Day of the Month in the firſt* Column *under the Letter* D, *and in the common Meeting of the Lines you will have the* Moon's Age.

Having found the Moon's Age, *as above, have recourſe to the Two enſuing* Tide-Tables, *and look for the Place deſired in the Head of the ſaid* Tables, *with the* Age *of the* Moon, *in the firſt* Column *towards the Left-hand, and in the Angle of Meeting, is the Time of* High-Water *in Hours and Minutes.*

Note, *The* Tides *do not fall out always exactly at the Time found in theſe* Tables, *by reaſon of the Difference of the* Moon's Latitude, High-Winds, Land-Floods, *and the like, which very often alter the Time; but this is the common* Rule *given.*

D.	The Moon's Age	Queenborow, Southampton, Portsmouth, I of Wight, Dunkirk, Beachy, Kentish knock		Gravesend, Downs, Rumney, Blackness, Silly half Tide, Tenet Ramkins, Scoy-head.		London, Tinmouth, Hartlepool, Amsterdam, Britain, Gascoign, Galicia.		Newcastle, Humber, Falmouth Dartmouth, Guernsey, Lizard Torbay, Foy, St. Mallows		Plymouth, Weymouth, Hull Lyn, Antwerp, St. David Holmes of Bristol, Lundy.		Bristol, Foulness, at the Start		Yarmouth, Dover, Harwich Calice Road, St John de Luca Bullion in the Frith.	
		H.	M	H.	M.	H.	M.	H.	M.	H.	M	H.	M.	H.	M.
1	12	48		2	18	3	48	6	36	6	48	7	33	11	18
2	1	36		3	6	4	36	6	51	7	36	8	21	12	6
3	2	24		3	54	5	24	7	39	8	24	9	9	12	54
4	3	12		4	42	6	12	8	27	9	12	9	57	1	42
5	4	00		5	30	7	00	9	15	10	00	10	45	2	30
6	4	48		6	18	7	48	10	3	10	48	11	33	3	18
7	5	36		7	6	8	36	10	51	11	36	12	21	4	6
8	6	24		7	54	9	24	11	39	12	24	1	9	4	54
9	7	12		8	42	10	12	12	27	1	12	1	57	5	42
10	8	00		9	30	11	00	1	15	2	00	2	45	6	30
11	8	48		10	18	11	48	2	3	2	48	3	33	7	18
12	9	36		11	6	12	36	2	51	3	36	4	21	8	6
13	10	24		11	54	1	24	3	39	4	24	5	9	8	54
14	11	12		12	42	2	12	4	27	5	12	5	57	9	42
15	12	00		1	30	3	00	5	15	6	00	6	45	10	30
16	12	48		2	18	3	48	6	3	6	48	7	33	11	18
17	1	36		3	6	4	36	6	51	7	36	8	21	12	6
18	2	24		3	54	5	24	7	39	8	24	9	9	12	54
19	3	12		4	42	6	12	8	27	9	12	9	57	1	42
20	4	00		5	30	7	00	9	15	10	00	10	45	2	30
21	4	48		6	18	7	48	10	3	10	48	11	33	3	18
22	5	36		7	6	8	36	10	51	11	36	12	21	4	6
23	6	24		7	54	9	24	11	39	12	24	1	9	4	54
24	7	12		8	42	10	12	12	27	1	12	1	57	5	42
25	8	00		9	30	11	00	1	15	2	00	2	45	6	30
26	8	48		10	18	11	48	2	3	2	48	3	33	7	18
27	9	36		11	6	12	36	2	51	3	36	4	21	8	6
28	10	24		11	54	1	24	3	39	4	24	5	9	8	54
29	11	12		12	42	2	12	4	27	5	12	5	57	9	42
30	12	0		1	30	3	00	5	15	6	00	6	45	10	30

The Latter Part of the Tide-TABLE.

The Moon's Age.	Rye, Winchelsea, Gorend, Thames-mouth, Fair-Isle, Rhodes.		Needles, Orford, Laystoff South and North Forelands		Dundee, St. Andrews, Lisbon, St. Lucas, Bell-Isle, Hoy-Isle.		Milford, Bridgwater, Texel Waterford, Lands-end, Cap Clear, Abermerick, Exwater		Berwick, Ostend, Flushing, Bourdeaux, Flamborough, Foulness.		Portland, Peter-port, Hague Dublin, Hartlew, Lambay, St. Magnes, Sound, Macness.		Rochester, Malden, Aberdeen, West-end of the Nore, Black-Tail.	
D.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.
1	12	3	10	33	3	3	8	18	4	33	9	3	1	33
2	12	51	11	21	3	51	9	6	5	21	9	51	2	21
3	1	39	12	9	4	39	9	54	6	9	10	39	3	9
4	2	27	12	57	5	27	10	42	6	57	11	27	3	57
5	3	15	1	45	6	15	11	30	7	45	12	15	4	45
6	4	3	2	33	7	3	12	18	8	33	1	3	5	33
7	4	51	3	21	7	51	1	6	9	21	1	51	6	21
8	5	39	4	9	8	39	1	54	10	9	2	39	7	9
9	6	27	4	57	9	27	2	42	10	57	3	27	7	57
10	7	15	5	45	10	15	3	30	11	45	4	15	8	45
11	8	3	6	33	11	3	4	18	12	33	5	3	9	33
12	8	51	7	21	11	51	5	6	1	21	5	51	10	21
13	9	39	8	9	12	39	5	54	2	9	6	39	11	9
14	10	27	8	57	1	27	6	42	2	57	7	27	11	57
15	11	15	9	45	2	15	7	30	3	45	8	15	12	45
16	12	3	10	33	3	3	8	18	4	33	9	3	1	33
17	12	51	11	21	3	51	9	6	5	21	9	51	2	21
18	1	39	12	9	4	39	9	54	6	9	10	39	3	9
19	2	27	12	57	5	27	10	42	6	57	11	27	3	57
20	3	15	1	45	6	15	11	30	7	45	12	15	4	45
21	4	3	2	33	7	3	12	18	8	33	1	3	5	33
22	4	51	3	21	7	51	1	6	9	21	1	51	6	21
23	5	39	4	9	8	39	1	54	10	9	2	39	7	9
24	6	27	4	57	9	27	2	42	10	57	3	27	7	57
25	7	15	5	45	10	15	3	30	11	45	4	15	8	45
26	8	3	6	33	11	3	4	18	12	33	5	3	9	33
27	8	51	7	21	11	51	5	6	1	21	5	51	10	21
28	9	39	8	9	12	39	5	54	2	9	6	39	11	9
29	10	27	8	57	1	27	6	42	2	57	7	27	11	57
30	11	15	9	45	2	15	7	30	3	45	8	15	12	45

To find the Time of the Moon's Riſing *and* Setting.

LOOK in the 4th Column on the Left-hand Page in every Month, where you have the true Hour and Minute of her Riſing from Full to Change, and her Setting from Change to Full, very plainly demonſtrated, M. ſignifying Morning, and A. Afternoon.

To find the Time of the Moon's coming to the South.

THIS is ſet down for every Day in the Year on the 5th Column on the Left-hand Page in every Month; and note this, The *Moon*, *Planets*, or any *Fixed Star* is ſaid to be *South* when they appear to be in the ſame Quarter of the Heavens that the *Sun* is in every Day at Noon, for the *Sun* is then full *South*, or on the *Meridian*.

To find the Time of the Sun's Riſing *and* Setting.

THIS, with the Increaſe and Decreaſe of Days, and the Time of Day-break, and Continuation of Twilight, and other Uſeful Obſervations, are all contained in the 6th and laſt Column on the Left-hand Pages for certain Days of the Month, and if againſt the Day propoſed you find not your Deſire, then make Proportion, and the Truth will appear.

Terms, and their Returns, for 1770.

Hilary-Term Begins *Jan.* 23. Ends *Feb.* 13.

Returns or Eſſoign-days.	Exc.	Ret.	Ap.	W. da.
In eight days of St. *Hilary*, *Jan.* 20	21	22	23	Tueſd.
From the day of St. *Hilary* in 15 days, 27	28	29	30	Tueſd.
On the mor. of Purif. of bleſſ. *Mary* *Feb.* 3	4	5	6	Tueſd.
In 8 days of Purif. of bleſſ. *Mary*. 9	10	11	12	Mond.

Eaſter-Term Begins *May* 2. Ends *May* 28.

From the day of Eaſter in 15 days, *April* 29	30	*M.* 1	2	Wedn.
From the day of Eaſter in 3 weeks, 6	7	8	9	Wedn.
From the day of Eaſter in 1 month, 13	14	15	16	Wedn.
From the day of Eaſter in 5 weeks, 20	21	22	23	Wedn.
On the morrow of the Aſcenſion, 25	26	27	28	Mond.

Trinity-Term Begins *June* 15. Ends *July* 4.

On the morrow of the holy Trinity, *June* 11	12	13	15	Friday
In eight days of the holy Trinity. 17	18	19	20	Wedn.
From the day of the holy Trin. in 15 days 24	25	26	27	Wedn.
From the day of holy Tr. in 3 weeks *July* 1	2	3	4	Wedn.

Michaelmas-Term Begins *Nov.* 6. Ends *Nov.* 28.

On the morrow of All Souls, *Nov.* 3	4	5	6	Tueſd.
On the morrow of St. *Martin*, 12	13	14	15	Thurſ.
In eight days of St. *Martin*, 18	19	20	21	Wedn.
From the day of St. *Martin* in 15 days, 25	26	27	28	Wedn.

N.B. No Sittings in *Weſtminſter-Hall* on Aſcenſion-day, Midſummer-day, and 2d of *February*.

The *Exchequer* opens eight Days before any Term, except Trinity, before which it opens but four Days

Note, That the firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance

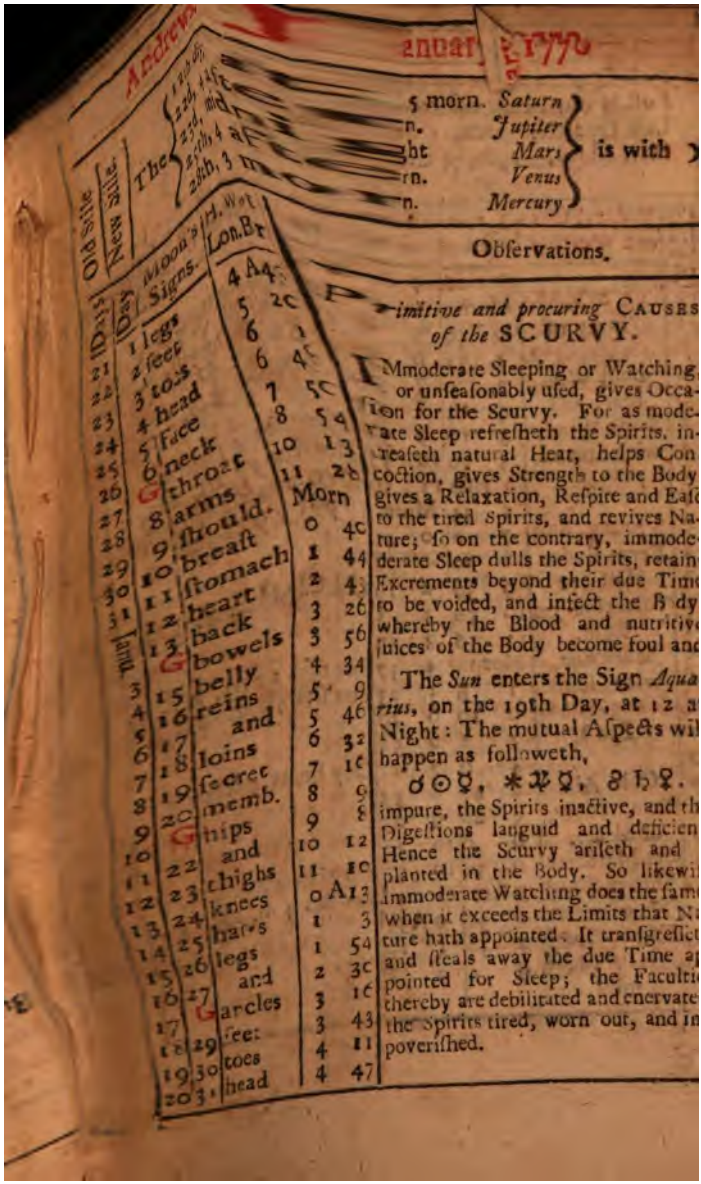
Common Notes and Moveable Feaſts, 1770.

Golden Number	4	Rogation-Sunday	*May* 20
Epact	3	Aſcenſion-Day	*May* 24
Dominical Letter	G	White-Sunday	*June* 3
Cycle of the Sun	15	Trinity-Sunday	*June* 10
Shrove-Sunday	*Feb.* 25	Advent-Sunday	*Dec.* 2
Eaſter-Sunday	*April* 15		

January hath xxxi Days.

First Quarter, the 5th day, at 1 morn.
Full Moon, 11th, 5 aftern.
Last Quarter, 18th, 6 aftern.
New Moon, 26th, at midnight.

M D.	W D	Festival Days and Weather	☽ rises and set		Moon's south		Sun rising & setting, Increase of Days, &c.
1	a	Circumcision	8	55	3	A19	
2	b	Cold Winds,	10	14	4	7	Sun rises 10m aft. 8
3	c	Snow or Rain,	11	34	4	53	Sun sets 51 m. aft. 3
4	d	intermixed	Morn		5	35	Twi. ends 3m. aft. 6
5	c		0	58	6	28	Old Christmas-Day
6	f	Epiphany	2	27	7	20	Twelfth Day
7	G	1 S. aft. Epip.	3	53	8	17	
8	a	Plough-Mond.	5	14	9	17	♂ ☉ ♀
9	b	with frosty	6	11	10	18	*Sun* rises 3m. aft. 8
10	c	Mornings.	6	50	11	21	*Sun* sets 56 m. aft. 3
11	d		☽ rises		Morn.		
12	e	Old N.Y.Day	5	19	0	22	Day 7 h. 53 m. long
13	f	Some	6	30	1	18	Camb. Term Begins
14	G	2 S. aft. Epip.	7	39	2	14	Oxf. Term Begins
15	a	Downfall.	8	51	3	6	*Sun* rises 55m. aft. 7
16	b	More season-	10	2	3	52	*Sun* sets 6 m. aft. 4
17	c	Old Twel. D.	11	16	4	37	Day 8 h. 10 m long
18	d	☿ Ch. Birth-	Morn.		5	20	
19	e	[Day kept.	0	32	6	1	
20	f	able and	1	48	6	45	
21	G	3 S. aft. Epip.	3	2	7	31	*Sun* rises 50 m. aft. 7
22	a	agreeable	4	16	8	18	*Sun* sets 12 m. aft. 4
23	b	Term Begins	5	13	9	4	
24	c	Weather.	6	0	9	53	
25	d	St. Paul Con.	6	49	10	41	✶ ☿ ♀
26	e	Frost, and	☽ sets		11	29	Day 8 h. 40 m. long
27	f	stormy	5	26	☽ sets.		
28	G	4 S. aft. Epip.	6	42	5	17	
29	a	Weather.	7	50	6	4	
30	b	K. Ch. I. Mart.	9	3	7	50	
31	c		10	15	8	37	♂ ♄ ♀



Andrews

anuar 1770

Old Stile	New Stile	The		
		12th, 6		
		22d, 4		
		23d, mid		
		25th, 4		
		28th, 3		

5 morn.	*Saturn*	is with
n.	*Jupiter*	
ht	*Mars*	
rn.	*Venus*	
n.	*Mercury*	

Observations.

Days	Day	Moon's Signs.	H. Wat. Lon. Br
21	1	legs	4 A4
22	2	feet	5 20
23	3	toes	6 1
24	4	head	6 4
25	5	face	7 50
26	6	neck	8 54
27	G	throat	10 13
28	8	arms	11 28
29	9	should.	Morn
30	10	breast	0 40
31	11	stomach	1 44
	12	heart	2 43
	13	back	3 26
Janu.	G	bowels	3 56
3	15	belly	4 34
4	16	reins	5 9
5	17	and	5 46
6	18	loins	6 32
7	19	secret	7 16
8	20	memb.	8 9
9	G	hips	9 8
10	22	and	10 12
11	23	thighs	11 10
12	24	knees	0 A13
13	25	hams	1 3
14	26	legs	1 54
15	27	and	2 30
16	G	ancles	3 16
17	29	feet	3 43
18	30	toes	4 11
19	31	head	4 47
20			

Primitive and procuring CAUSES *of the* SCURVY.

IMmoderate Sleeping or Watching, or unseasonably used, gives Occasion for the Scurvy. For as moderate Sleep refresheth the Spirits, increaseth natural Heat, helps Concoction, gives Strength to the Body, gives a Relaxation, Respite and Ease to the tired Spirits, and revives Nature; so on the contrary, immoderate Sleep dulls the Spirits, retains Excrements beyond their due Time to be voided, and infect the Body whereby the Blood and nutritive juices of the Body become foul and

The *Sun* enters the Sign *Aquarius*, on the 19th Day, at 12 at Night: The mutual Aspects will happen as followeth,

☌ ☉ ☿, ✱ ♃ ☿, ☍ ♄ ♀.

impure, the Spirits inactive, and the Digestions languid and deficient. Hence the Scurvy ariseth and planted in the Body. So likewise immoderate Watching does the same when it exceeds the Limits that Nature hath appointed. It transgresses and steals away the due Time appointed for Sleep; the Faculties thereby are debilitated and enervated, the Spirits tired, worn out, and impoverished.

First Quarter, the 3d day, at 1 aftern.
Full Moon, 10th, 4 morn.
Last Quarter, 17th, 1 aftern.
New Moon, 25th, 4 aftern.

M. D.	W. D.	Festival Days and Weather.	☽ rises and sets	Moon's south	Sun-rising & setting, Increase of Days, &c
1	d		11 26	4 10	
2	e	Pur. B. V. M.	Morn.	5 2	Candlemas-Day
3	f	Plenty of	0 40	5 56	*Sun* rises 34 m. aft. 6
4	G	☉ S. aft. Epip.	1 55	6 53	*Sun* sets 27 m aft. 4
5	a	moist Wea-	3 9	7 52	*Syrius* So 3 m. aft. 8
6	b	ther, and	4 14	8 53	
7	c	some Wind,	5 10	9 54	*Sun* rises 23 m. aft. 7
8	d	with Storms.	5 56	10 55	*Sun* sets 37 m. aft. 4
9	e		☽ rises	11 59	Day-break a quarter
10	f		5 43	Morn.	past 5 o'clock
11	G	Septuag. Sun.	7 2	0 41	
12	a	Term Ends	8 20	1 28	
13	b	Hail or	9 36	2 19	Old Candlemas-Day
14	c	Valentine	10 50	3 5	
15	d	Rain.	11 56	3 59	
16	e	More fine,	Morn.	4 37	Sun rises 12 m. aft. 6
17	f	with some	1 6	5 23	Sun sets 50 m. aft. 5
18	G	Sexag. Sund.	2 10	6 10	
19	a	Frost.	3 8	6 58	
20	b		4 0	7 47	Day br. at 5 Morn.
21	c	Cold Air,	4 40	8 35	
22	d	Rain, Snow,	5 26	9 23	
23	e	or Sleets.	6 0	10 11	
24	f	St. Matthias	6 30	10 57	*Sun* rises 56 m. aft. 6
25	G	Shrove-Sund.	☽ sets	11 40	*Sun* sets 4 m. aft 5
26	a	Now more	6 36	0 A 33	
27	b	Shrove-Tues.	7 48	1 19	
28	c	Ash-Wednes.	9 4	2 7	
		mild.			

Old Style	New Style	The			is with ☽
			8th day, at noon	*Saturn*	
			19th, 11 morn.	*Jupiter*	
			22d, 5 morn.	*Mars*	
			24th, 10 night	*Venus*	
			25th, at noon	*Mercury*	

Days	Days	Moon's Signs	H. Wat. Lon.	Br
21	1	face	4 A	43
22	2	neck	5	20
23	3	and	6	1
24	[illegible]	throat	6	48
25	5	arms	7	50
2[illegible]	6	should.	8	54
27	7	breast	10	13
28	8	heart	11	28
29	9	stomach	Morn.	
30	10	heart	0	40
31	[illegible]	back	1	44
Feb.	12	bowels	2	43
	13	belly	3	26
3	14	reins	3	56
4	15	loins	4	34
5	16	secrets	5	9
6	17	and	5	47
7	[illegible]	memb.	6	32
8	19	hips	7	16
9	20	thighs	8	9
10	21	knees	9	8
1[illegible]	22	hams	10	12
[illegible]	23	legs	11	10
13	24	ancles	0 A	13
14		feet	1	9
15	26	toes	1	56
16	27	head	2	33
17	28	and	3	52

Observations.

If Sleep or Watching prevails, contrary to the Course of Nature, either is injurious, makes the Body to degenerate from its natural good State, and gives Occasion for the Scurvy. Nature is not so indifferent in the Institution of those Supports, that they may be left undone or done, when, and how we please. As Sleep and Watching are not to exceed in Length, so are they to begin at seasonable Times.

Nature does not allow to watch in the Night, or sleep in the Day, tho' possibly you may think that so many Hours Sleep in 24, is sufficient for Preservation of Health, take it when you will. No, it is not so; for at the rising of the Sun, and the Light darting through the Air, the Spirits begin to be more brisk, and are then fit for Motion and Action; but when the Sun goes down, and Darkness covers the Earth, the Spirits are more dull and heavy, inclining to Rest and Retirement.

The *Sun* enters the Sign *Pisces* the 18th Day, a little after 12. The mutual Aspects this Month are as follow,

As

March hath xxxi Days.

First Quarter, the 4th day, at 9 night
Full Moon, 11th, 4 aftern.
Last Quarter, 19th, 10 morn.
New Moon, 27th, 5 morn.

M. D.	W. D	Festival Days and Weather.	☽ rises and sets	Moon's South	Sun rising & setting, Increase of Days, &c.
1	f	David	10 20	2 A57	Day incr. 3h. 10 m
2	g	Chad.	11 38	3 59	*Sun* rises 34m. aft. 6
3	a	High Winds	Morn.	4 46	*Sun* sets 28m. aft. 5
4	G	1 S. in Lent.	0 53	5 44	
5	a	and Tempests.	2 2	6 43	Ps. of Hesse Born
6	b	Some frosty	3 1	7 41	
7	c	Ember-Week	3 50	8 40	Day-br. 30m. aft. 4
8	d	Mornings.	4 32	9 37	Day incr. 3 h. 15 m.
9	e	Now more	5 6	10 38	Day 10h. 43m. long
10	f	calm and	5 40	11 20	*Sun* rises 20m. aft. 6
11	G	2 S. in Lent	☽ rises	Morn.	*Sun* sets 42 m. aft. 5
12	a	Gregory	7 15	0 10	Twil. ends 2 hours
13	b	temperate for	8 32	0 56	after Sun-set
14	c	some Days.	9 42	1 45	
15	d		10 52	2 30	
16	e		11 56	3 19	Day 11h. 40m. long
17	f	St. Patrick	Morn.	4 6	
18	G	3 S. in Lent	0 58	4 55	
19	a	Now expect	1 50	5 42	
20	b	Eq. D. & N.	2 38	6 31	*Sun* rises at 6, and
21	c	rough Winds	3 18	7 19	sets at 6.
22	d	and turbulent	3 52	8 7	Day 12h. 16m. long
23	e	Weather.	4 22	8 54	
24	f		4 47	9 41	
25	G	Lady-Day	5 10	10 28	Midlent-Sunday
26	a		☽ sets	11 16	
27	b	The Weather	7 1	0 A6	
28	c	more mode-	8 18	0 57	Twil. ends 12
29	d	rate and	9 3	1 50	*Sun* rises 46m. aft. 5
30	e	seasonable.	10 50	2 45	*Sun* sets 16 m. aft. 6
31	f		Morn.	3 43	

Andrews. March, 1770.

Old Style / New Style.

The { 7th day, at 7 night / 18th, 11 night / 23d, 8 morn. / 24th, 10 night / 27th, 7 morn. } { *Saturn* / *Jupiter* / *Mars* / *Mercury* / *Venus* } is with ☽

Days	Days	Moon's Signs.	H.	Wat.	Lor.	Br
18	1	face	4	A28		
19	2	neck	5		8	
20	3	throat	5		50	
21	4	arms	6		58	
22	5	ſhould.	8		6	
23	6	breaſt	9		21	
24	7	ſtomach	10		40	
25	8	heart	11		52	
26	9	back	Morn.			
27	10	bowels	1		0	
28	☌	belly	1		44	
March	12	reins	2		34	
	13	ard	3		11	
	14	loins	3		40	
4	15	ſecret	4		7	
5	16	memb.	4		45	
6	17	hips	5		20	
7	☌	ard	6		6	
8	19	thighs	6		44	
9	20	knees	7		50	
10	21	hams	8		57	
11	22	legs	9		59	
12	23	ancles	10		57	
13	24	feet	11		56	
14	☌	and	0	A51		
15	26	toes	1		40	
16	27	head	2		30	
17	28	face	3		18	
18	29	neck	3		43	
19	30	throat	4		18	
20	31	arms	5		6	

Obſervations.

As Sleep is appointed by Nature to refreſh the Spirits and repair loſt Strength, ſo the Time for Sleep is appointed and limited, not when you pleaſe. The Sun was not made for you to ſleep by, nor the Night for Labour or Sports, but for Reſt. Whoſo inverts this Courſe, ſhall receive certain Damage in his Health, and the Scurvy for his Companion.

Night-watching, and late ſitting up tires and waſtes the Animal Spirits, debilitates Nature, and dries the Body, and in Time extinguiſheth natural Heat, breeds Rheums and Crudities, and is moſt injurious to thin, lean Bodies.

All immoderate Excreation and Evacuations may, and do procure the Scurvy; ſo likewiſe neceſſary Evacuations ſuppreſſed, do the ſame. Seaſonable and moderate *Venus* alleviates Nature, but immoderate exhauſts the Strength by Effuſion of Spirits.

The *Sun* enters the Sign *Aries* the 20th Day, a little after Noon. The Aſpects in this Month are as follow: △☽♃, △☉♄, □☿♀, △♄♀, ☍☉♀.

April hath xxx Days.

First Quarter, the 3d day, at 4 morn.
Full Moon, 10th, 4 morn.
Last Quarter, 18th, 5 morn.
New Moon, 25th, 4 aftern.

M D	W D	Festival Days and Weather.	☽ rises and sets	Moon's South	Sun rising & setting Increase of Days &c.
1	G	5 S. in Lent	Morn.	4 45	*Sun* rises 38m. aft. 5
2	a	Some Show-	1 6	5 43	*Sun* sets 22 m. aft. 6
3	b	ers, and fine	1 57	6 42	
4	c	Spring Wea-	2 40	7 37	Day incr. 5 ho. 16m.
5	d	Old Lady-D.	3 14	8 29	
6	e	ther for a	3 42	9. 20	
7	f	few Days.	4 8	10 10	Day 13h. 19m. long
8	G	Palm-Sunday	4. 34	10 52	*Sun* rises 27m. aft. 5
9	a	Plenty of	☽ rises	11 44	*Sun* sets 34m. aft. 6
10	b	Rain, if not	7 34	Morn.	
11	c	Thunder alſo	8 44	0 25	
12	d		9 55	1 17	Day incr. 5h. 56m.
13	e	Good-Friday	10 54	2 9	Day 13h. 30m. long
14	f		11 50	2 55	Day incr. 6 hours
15	G	Easter-Sund.	Morn.	3 43	Day-break 6m. aft. 3
16	a		0 38	4 31	
17	b	Rain, with	1 21	5 20	*Sun* rises 10m. aft. 5
18	c	Winds.	1 58	6a 8	*Sun* sets 52 m. aft. 6
19	d	Corruſcation.	2 26	6 54	Day incr. 6h. 12m.
20	e	Thunder.	2 51	7 39	Day 14 hours long
21	f		3 18	8 26	
22	G	1 S. aft. Eaſt.	3 41	9 13	
23	a	St. George	4 6	9 52	*Sun* riſes 48m. aft. 4
24	b		4. 30	10 52	*Sun* ſets 14 m. aft. 7
25	c	St. Mark	☽ ſets	11 47	
26	d	Calm, with	8 44	0 A47	Day 14h. 27m. long
27	e	good	10 0	1 43	Day incr. 7 h. 9 m.
28	f	Weather.	11 8	2 44	
29	G	2 S. aft. Eaſt.	Morn.	3 45	
30	a		0 4	4 46	

Old Style. New Style. The { 15th, 8 morn. 21st, 10 morn. 24th, 8 night 26th, 6 morn. } { Saturn Jupiter Mars Venus Mercury } is with)

Days	Days	Moon's Signs.	H. Wat Lon. Br	Observations.
21	G	ſhould.	5 A56	Spirits, and dries the Body, hurts
22	2	breaſt	6 57	the Brain and Nerves, dulls the
23	3	ſtomach	8 4	Sight, debilitates all the Facul-
24	4	heart	9 16	ties, is a great Procurer and Pro-
25	5	back	10 28	moter of the Scurvy; for all De-
26	6	bowels	11 32	bilities and Decays of Nature
27	7	belly	Morn.	give Advantage to the Scurvy.
28	☾	reins	0 31	
29	9	and	1 20	PASSION of MIND.
30	10	loins	2 9	
31	11	ſecret	2 54	MAN conſiſts of Soul and
Apr. 1	12	memb.	3 26	Body: The firſt more
2	13	hips	3 55	noble and active, the ſecond in-
3	14	and	4 26	ferior and paſſive. The firſt
4	☾	thighs	5 2	rules and governs; the ſecond is
5	16	knees	5 43	fit and ready to receive and obey
6	17	hams	6 32	
7	18	legs	7 24	The *Sun* enters the Sign *Taurus*
8	19	and	8 22	the 19th Day, about half an
9	20	ancles	9 21	Hour paſt Twelve. The mutual
10	21	feet	10 15	Aſpects are as follows: ☌ ♄ ♂,
11	☾	toes	11 22	□ ☿ ♀, △ ♃ ♀, □ ♄ ☽, □ ☾ ♄,
12	23	head	0 A10	✶ ♂ ♀, □ ♄ ♀.
13	24	face	1 15	
14	25	neck	2 12	theſe Impulſes. Health is the
15	26	throat	3 10	Integrity and Perfection of their
16	27	arms	3 38	conjunct Operation. Sickneſs a
17	28	ſhould	4 18	riſeth ſometimes from the Frigi-
18	☾	breaſt	5 5	lity and Dyſcraſy of the Body,
19	30	ſtomach	5 58	ſome-

First Quarter, the 2d day, at 9 morn.
Full Moon, 9th, 6 aftern.
Last Quarter, 17th, 10 night
New Moon, 24th, at midnight
First Quarter, 31st, 4 aftern.

M. D.	W. D.	Festival Days and Weather.	D rises and sets		Moon's South		Sun rising & setting, Increase of Days, &c.
1	b	St. Phil. & Ja.	0	48	5	A40	*Sun* rises 47m. aft. 4
2	c	Term Begins	1	26	6	33	7Stars rise 33m past 4
3	d	Storms, if	1	55	7	24	Day 14h. 48m. long
4	e	not Thunder	2	22	8	14	Day incr. 7h. 11m.
5	f	invert ✠	2	46	9	0	
6	G	3 S. aft. East.	3	6	9	47	
7	a	and Light-	3	30	10	33	
8	b	ning, with	3	52	11	19	*Sun* rises 28m aft. 4
9	c	Hail or Rain.	D rises Morn.				*Sun* sets 32 m. aft. 7
10	d	Pleasant	8	55	0	7	Day incr. 7 h. 38m.
11	e	Old May-day	9	51	0	55	
12	f	warm Season,	10	42	1	43	
13	G	4 S. aft. Eas.	11	28	2	31	7Stars set 24m. aft. 8
14	a	but attended	Morn.		3	20	Day 15h. 39m. long
15	b	with Wind.	0	6	4	8	
16	c		0	31	4	53	
17	d	Some gentle	1	3	5	40	Tw. ends 54 m. after
18	e	Showers and	1	25	6	24	11 at night
19	f	dewy Rains.	1	49	7	10	Q. Charl. Born 1744
20	G	Rogat. Sund.	2	10	7	55	*Sun* rises 12m aft. 4
21	a		2	32	8	43	*Sun* sets 47m. aft. 7
22	b		2	58	9	35	Day 15h. 53m. long
23	c		3	28	10	29	
24	d	Ascension-day	D sets		11	27	*Sun* Eclips'd Invif.
25	e		9	5	0	A3c	Day incr. 8h. 20m.
26	f	Fine and	9	58	1	32	
27	G	6. S. aft. East.	10	43	2	35	No dark Night
28	a	Term Ends	11	30	3	35	*Sun* rises at 4
29	b	K. Ch. II. Rest.	Morn.		4	31	*Sun* sets at 8
30	c	pleasant	0	4	5	23	
31	d	Weather.	0	30	6	11	

The 1st day at 7 morn.	*Saturn*	is with the ☽
The 12th day at 1 aftern.	*Jupiter*	
The 20th day at 1 aftern.	*Mars*	
The 26th day at 3 morn.	*Venus*	
The 26th day at noon	*Mercury*	
The 28th day at 5 aftern.	*Saturn*	

M D	☽'s Signs.	H. Wa. Lon. E.	Observations.
1	ſtom.	0 A 59	Sometimes a ſound Body is diſeaſed by a diſtempered Mind. The Soul and Body are ſo linked and conjoined in Partnerſhip, that the Diſorder or Decay of the one redounds to the Prejudice and Diſcompoſure of the other. A diſeaſed Body takes off and abates the Activity of the Soul, and a diſturbed paſſionate Mind makes a youthful healthy Body to decay and languiſh. To ſhew you how Diſeaſes in every Part of the Body are promoted, and introduce the Scurvy by the Dyſcraſy, Oppreſſion and Diſturbance of the Mind; it is ſufficient at preſent that you underſtand the Energy and Power of the Soul to be principal in every Faculty and Part of the Body deſtined for any Office or Operation: So that the Diſcompoſure and Alienation of the Soul, or Suſpenſion of Vigour, in particular Melancholy or Sadneſs of Mind is a Depreſſion of the Soul, and (in Part) of its emanative Influence into all the Parts of the Body; the Spirits,
2	heart	8 8	
3	back	9 24	
4	bowels	10 20	
5	belly	11 6	
6	reins	morn.	
7	loins	0 18	
8	ſecret	1 44	
9	and	1 44	
10	memb.	2 30	
11	hips	3 10	
12	thighs	3 39	
13	knees	4 7	
14	and	4 45	
15	hams	5 21	
16	legs	6 5	
17	ancles	6 53	
18	feet	7 43	
19	and	8 41	
20	toes	9 42	
21	head	0 4	
22	face	11 51	
23	neck	0 A 53	
24	throat	1 50	
25	arms	2 50	
26	ſhould.	3 27	The Sun enters *Gemini* the 26th Day,
27	breaſt	4 10	at a little paſt half an Hour after Noon.
28	ſtom.	4 53	
29	heart	5 42	The Aſpects as follow: ☌☉☿. ✱♄♀.
30	back	6 36	☌♂☿. ✱♄☿. □♄♂. ☌♀☿.
31	bowels	7 26	✱☉♄. ☍♃☿. ☍♃♀. ✱☉♂.

JUNE hath XXX Days.

Full Moon the 8th day at 10 morning.
Laſt Quarter the 16th day at noon.
New Moon the 23d day at 8 morning.
Firſt Quarter the 29th day at midnight.

Old Stile. M D	New Stile. M D	Feſtival Days and Weather.	☽ riſes and ſets	Moon South.	Sun's riſing and ſetti: Increaſe of Days, &
21	1	*Hot Air, and*	oM 50	6 59	Day increaſed 8 h. 34
22	2	*cloudy.*	1 12	7 45	
23	G	Whit-Sunday	1 34	8 31	Continual Twilight.
24	4	K. Geo. III. b.	1 56	9 27	Sun riſes 54 min. afte
25	5	Whit-Tueſd.	2 20	10 4	Sun ſets 7 min. after
26	6	Ember Week.	2 48	10 52	Day 16 h. 12 m. long
27	7	*The Mornings*	3 20	11 38	Day increaſed 8 h. 38
28	8	*cool and*	☽ riſes.	morn.	
29	9	*freſh.*	9 21	0 28	
30	G	Trinity Sund.	10 3	1 15	Prs. Amelia born.
31	11	St. Barnabas.	10 36	2 4	
June	12	*Flying Clouds,*	11 4	2 50	Sun riſes 51 min. afte
	13	*but moſtly dry*	11 28	3 35	Sun ſets 9 min. after
3	14	Corpus Chriſt.	11 59	4 19	
4	15	Term begins.	morn.	5 4	Day 16 h. 22 m. long
5	16	*and hot,*	0 12	5 48	Day increaſed 8 h. 49
6	G	1 S. aft. Trin.	0 35	6 35	Syrius cannot be ſeen
7	18	*with freſh*	0 57	7 22	Sun ſets 12 m. after
8	19	*Winds.*	1 22	8 12	
9	20		1 53	9 6	Sun riſes 50 m. after
10	21	Longeſt Day.	2 33	10 5	Sun ſets 13 min. afte
11	22	*Warm, and*	3 22	11 7	
12	23	*inclined to*	☽ ſets.	o A 13	Day increaſed 8 h. 52
13	G	2 S. aft. Trin.	9 16	1 15	Midſummer Day.
14	25	*Thunder*	9 53	2 14	
15	26	*and Lightning,*	10 25	3 10	
16	27	*&c. about*	10 52	4 3	
17	28		11 15	4 51	Sun riſes 48 min. afte
18	29	St. Pet. & Paul	11 36	5 39	Sun ſets 12 m. after
19	30	*this Seaſon.*	11 59	6 25	Day 16 h. 20 m. lon

The 8th day at 1 aftern. *Jupiter*
The 18th day at 1 aftern. *Mars*
The 24th day at 1 morn. *Venus*
The 24th day at 11 night. *Mercury*
The 25th day at 8 morn. *Saturn*
} is with the ☽

M D	☽'s Signs.	H. Wa. Lon. B.	Obſervations.
1	belly	8 A29	which are the Soul's approximate Inſtruments, are then called off their Duties, at leaſt abated in their Power and Strength, is cauſed by the Scurvy; which if ſo, as moſt true it is, then Digeſtion, Separation, Diſtribution, Excretion, Retention, Aſſimilation, Senſation, &c. all the Actions and Operations of the Body, vital and ſenſitive, are hereby depraved and weakly performed. Let Melancholy and Sadneſs poſſeſs a Man, how does he wither, change, and alter: the Soul contracting and ſhrinking up, withdraws her Power and Virtue from all the Parts, ſo that no Function is performed vigorouſly, but faintly and deficiently; then of Neceſſity the Man muſt pine away and languiſh.
2	reins	9 28	
☌	loins	10 29	
4	ſecret	11 30	
5	and	morn.	
6	memb.	0 24	
7	hips	2 6	
8	thighs	2 54	
9	knees	3 24	
☌	and	3 51	
11	hams	4 22	
12	legs	4 57	
13	ancles	5 33	
14	feet	6 16	
15	and	7 3	
16	toes	7 57	
☌	head	9 0	
18	face	10 4	
19	neck	11 12	The Appetite is now not ſo craving, nor Digeſtion ſo good; Sanguification is now degenerate and vitiate, from a Deficiency of Fermentation, and the Heart labours to tranſmit and give Paſſage to the vital Stream; every Faculty now has a Clog upon it, and all the Functions are heavily performed.
20	throat	☉ A25	
21	arms	1 31	
22	ſhould.	2 30	
23	breaſt	3 24	
☌	ſtom.	3 58	
25	heart	4 29	
26	back	4 58	
27	bowels	5 29	
28	belly	6 1	
29	reins	6 53	☽☉♃. ☌☿☿. △♃♂.
30	and	7 44	□♂♀. ☌♄♀.

JULY hath XXXI Days.

Full Moon the 7th day at midnight.
Last Quarter the 15th day at 11 night.
New Moon the 22d day at 3 afternoon.
First Quarter the 29th day at noon.

Old Stile. M D	New stile. M D	Festival Days and Weather.	D rises and sets	Moon South	Sun's rising and setting. Decrease of Days, &c.
20	G	3 S. aft. Trin.	morn.	7 A 11	Sun rises 52 min. after 3
21	2	Visit. B.V.M.	0 22	8 2	Sun sets 8 min. after 8
22	3	*Seasonable*	0 50	8 44	A Star called Orion's
23	4	Term ends.	1 21	9 31	Girdle, sets 43 min.
24	5	Old Midf. Day	1 59	10 19	after 6 evening.
25	6	*Weather*	2 40	11 7	Day 16 hours 13 m. long
26	7	Tho. à Becket	D rises	11 55	Day decreased 14 min.
27	G	4 S. aft. Trin.	8 30	morn.	
28	9	*at the*	9 0	0 41	
29	10	*Beginning;*	9 26	1 27	Sun rises 56 min. aft. 3
30	11	*after which*	9 48	2 13	Sun sets 4 min. after 8
July 1	12	*some few*	10 10	2 58	Day decreased 22 min.
	13	*cooling*	10 32	3 31	
3	14	*Showers.*	10 54	4 26	Continual Twilight.
4	G	5 S. aft. Trin.	11 17	5 11	Day 16 hours long.
5	16	*Hot, cloudy,*	11 45	6 0	
6	17	*and tem-*	morn.	6 49	
7	18	*pestuous*	0 16	7 43	
8	19	*Season, with*	0 58	8 40	Sun rises 2 min. after 4
9	20	*Thunder*	1 57	9 43	Sun sets 58 min. after 7
10	21	*in some Places;*	3 1	10 46	
11	G	6 S. aft. Trin.	D sets	11 51	Queen of Denm. born.
12	23	*with some*	8 10	0 A 51	
13	24	*hasty*	8 36	1 41	Sun rises 8 min. aft. 4
14	25	St. James.	9 0	2 38	Sun sets 52 min. after 7
15	26	St. Anne.	9 27	3 29	
16	27	*Showers*	9 48	4 16	Day 15 hours 30 m. long
17	28	*of Rain.*	10 12	5 3	
18	G	7 S. aft. Trin.	10 38	5 50	
19	30	Dog-days beg.	11 7	6 37	Sun rises 23 min. aft. 4
20	31		11 48	7 34	Sun sets 37 min. aft. 7

The 5th day at 1 aftern. *Jupiter*
The 17th day at 8 morn. *Mars*
The 21ſt day at 6 morn. *Mercury* } is with the ☽
The 22d day at 11 night. *Saturn*
The 24th day at 9 night. *Venus*

M D		☽'s Sign.	H	Wa. Lon.	Obſervations.
G	ſloins	♌	8	42	From hence (which I might amplify
2	ſecret		10	15	much more) you may eaſily perceive how
3	memb.		10	47	by this Paſſion of Melancholy the Scurvy
4	hips		11	45	is introduced, and gains Footing in all
5	and		morn.		Parts of the Body; every Function and
6	thighs		0	31	Office is depraved; the Blood and nervous
7	knees		1	32	Succus degenerate from their Purity, and
G	hams		2	20	change into a ſcorbutic Impurity and Fæ-
9	legs		2	57	culency.
10	and		3	30	Theſe Liquors, whereas before they
11	ancles		3	56	had a balſamic Virtue in them, and a due
12	feet		4	29	Craſis of Parts, are now alienated from
13	toes		5	2	that State, and become diſpirited, acrid,
14	head		5	37	auſtere, tabid, or otherwiſe vitiated.
G	face		6	22	As Melancholy, Grief, and Sadneſs, in
16	neck		7	15	a higher Degree produceth theſe Effects,
17	and		8	3	cauſed from the Scurvy, ſo a ſtudious
18	throat		9	27	and ſerious contemplative Life tends the
19	arms		10	40	ſame Way, but more ſlowly and remiſſly.
20	ſhould.	♌	0	3	Fevers and long Sickneſs are procuring
21	breaſt		1	8	Cauſes of the Scurvy. How Fevers and
G	ſtom.		2	16	chronic Diſeaſes terminate in, and leave
23	heart		3	7	a Scurvy behind them, as their Product,
24	back		4	18	we will inquire into the Matter. There is
25	bowels		5	0	ſcarce any Sickneſs but affects ſome prin-
26	belly		5	29	cipal Part, more or leſs, to alter and
27	reins		6	14	
28	loins		7	4	
G	ſecret		7	57	☽ ☌ ☿, □ ♄ ♂, ✶ ♂ ♅,
30	memb.		8	30	△ ♃ ♅, ☽ ☌ ♄, ✶ ♂ ♅.
31	hips		9	1	

AUGUST hath XXXI Days.

Old Stile. New Stile.

Full Moon the 6th day at 3 afternoon.
Laſt Quarter the 14th day at 8 morning.
New Moon the 20th day at 10 night.
Firſt Quarter the 28th day at 2 morning.

M D	M D	Feſtival Days and Weather	☽ riſes and ſets	Moon South.	Sun's riſing and ſetting. Decreaſe of Days, &c.
21	1	Lammas Day.	morn.	8 A 12	Sun riſes 24 min. after 4
22	2	*We may be*	0 23	9 0	Sun ſets 35 min. aft. 7
23	3	*well pleaſed*	1 12	9 48	
24	4		2 6	10 32	Day decr. 1 hour 25 m.
25	G 8	S. aft. Trin.	3 6	11 12	
26	6	*at the kind*	☽ riſes	morn.	Day 15 hours long.
27	7	*ſeaſonable*	7 37	0 8	Twilight ends 2 h. 46 m.
28	8	*Weather at*	8 2	0 53	after Sun-ſet.
29	9	*the Beginning,*	8 24	1 37	
30	10	St. Laurence.	8 46	2 21	
31	11	Prs. Bruſ. bo.	9 8	3 7	
Aug. G	9	S. aft. Trin.	9 37	3 52	Prince of Wales born.
3	13	*followed by*	10 10	4 43	7 Stars riſe 43 m. aft. 4
4	14	*ſome*	10 49	5 36	Sun riſes 40 min. aft. 4
5	15	Aſſum. V. M.	11 34	6 21	Sun ſets 20 min. after 7
6	16	Pr. Fred. born.	morn.	7 19	Day breaks 20 m. aft. 2
7	17	*Showers at*	0 32	8 19	Day 14 hours 20 m. long
8	18	*the New Moon.*	1 43	9 20	Twilight ends 34 min.
9	G 10	S. aft. Trin.	3 10	10 22	paſt 9.
10	20	*Probably*	☽ ſets	11 22	
11	21	Pr. W. Hen. b.	6 56	0 A 25	Sun riſes 58 min. aft. 4
12	22	*ſome*	7 22	1 17	Sun ſets at 7.
13	23	*Corruſcation*	7 48	2 8	
14	24	St. Bartholom.	8 14	2 57	Day 14 hours 6 m. long.
15	25	*in the Air*	8 40	3 46	
16	G 11	S. aft. Trin.	9 10	4 34	Aldeb. riſes 30 min. aft.
17	27	*and its*	9 44	5 22	10 at night.
18	28	St. Auguſtin.	10 22	6 10	Sun riſes 10 min. aft. 5
19	29	*Attendants.*	11 11	7 0	Sun ſets 50 min. after 6
20	30		morn.	7 48	John Baptiſt beheaded.
	31		0 3	8 35	

The 11ſt day at 2 aftern.	*Jupiter*	is with the ☽.
The 14th day at midnight.	*Mars*	
The 19th day at 5 aftern.	*Saturn*	
The 21ſt day at 6 morn.	*Mercury*	
The 23d day at 6 aftern.	*Venus*	
The 28th day at 11 night	*Jupiter*	

M D	☽'s Signs.	H. W. Lon.	Obſervations.
1	and	10 A 14	change it from its natural Craſis and good
2	thighs	11 6	Diſpoſition. Now an evil Diſpoſition of
3	knees	morn.	Parts, whether innate or advenient, is
4	hams	10 5	reckoned in the Number of primitive and
5	legs	0 56	procuring Cauſes of the Scurvy; eſpecial-
6	and	morn.	ly if it be ſome principal Part, as the Sto-
7	ancles	3 8	mach or Spleen, their Diſcraſy will ſoon
8	feet	3 24	appear to a general Detriment of the
9	toes	3 34	whole; theſe Parts being perverted by a
10	head	4 2	long waſting Diſeaſe, or more ſuddenly
11	and	4 36	by an acute and fierce Sickneſs, they be-
12	face	5 10	ing alienated in their Office and Duties,
13	neck	5 55	a ſcorbutic Impurity is generated inſtead
14	throat	6 48	of laudable good Blood, and nutritive
15	arms	7 50	Juices.
16	ſhould.	8 54	In Fevers, by the preternatural Æſtua-
17	breaſt	10 15	tion and Inquietude of the Spirits, they
18	ſtom.	11 32	are waſted and conſumed, ſo that the
19	heart	0 A 44	Blood is left diſpirited, flat, and impo-
20	back	1 46	veriſhed; changing its balſamic State into
21	bowels	2 46	a ſaline, acrid, or acid Seroſity. They
22	belly	3 26	are now, upon the Spirits Deſertion, grown
23	reins	3 53	fixed, embodied, reſiſting Fermentation
24	loins	4 28	and Circulation, ſubſiding, and afflicting
25	ſecret	5 5	
26	and	5 46	
27	memb.	6 34	
28	hips	7 26	☐ ♅ ♀, △ ♄ ☿, ☌ ☉ ♅, △ ♅ ☿,
29	thighs	8 29	☌ ☉ ☿, △ ♂ ♀, ☐ ♂ ☿, ✶ ♄ ♀,
30	knees	9 34	✶ ♅ ♀, ✶ ♄ ♂.
31	and	10 33	

SEPTEMBER hath XXX Days.

Old Stile. New Stile.

Full Moon the 5th day at 6 morning.
Laſt Quarter the 12th day at 4 afternoon.
New Moon the 19th day at 8 morning.
Firſt Quarter the 26th day at 9 morning.

M D	M D	Feſtival Days and Weather.	☽ riſes and ſets	Moon South	Sun's riſing and ſetting. Decreaſe of Days, &c.
21	1		1 0	9 22	
22	G	12 S. aft. Trin.	2 2	10 7	London burnt in 1666,
23	3	*Still windy,*	3 8	10 52	Old Stile.
24	4	*perhaps*	4 16	11 43	Sun riſes 24 min. after 5
25	5	*Thunder, and*	☽ riſes	morn.	Sun ſets 36 min. after 6
26	6	*Hail and Rain.*	6 40	0 23	
27	7	Dog-days end	7 4	1 9	Twilight ends 2 hours
28	8	Nativ. B. V. M.	7 27	1 56	8 min. after ſunſet.
29	G	13 S. aft. Trin.	7 53	2 45	
30	10	*No great*	8 24	3 36	Sun riſes 39 min. after 5
31	11	*Alteration,*	9 0	4 41	Sun ſets 19 min. after 6
Sep. 1	12	*but windy,*	9 42	5 27	
2	13	*with*	10 34	6 25	
3	14	Holy Croſs.	11 39	7 24	Holy Rood Day.
4	15	*Continuance*	morn.	8 23	Day decreaſed 4 hours.
5	G	14 S. aft. Trin.	0 50	9 21	
6	17	*of tempeſtuous*	2 10	10 15	
7	18		3 50	11 8	Day 12 h. 10 m. long.
8	19	Ember Week.	☽ ſets	0 A 2	Sun riſes 54 min. aft. 5
9	20	*Weather.*	6 20	0 53	Sun ſets 4 min. after 6
10	21	St. Matthew.	6 47	1 43	
11	22	K. Geo. III. cr.	7 18	2 32	Sun riſes at 6, ſets at 6
12	G	15 S. aft. Trin.	7 50	3 22	
13	24	*A foggy Air.*	8 28	4 11	
14	25		9 10	5 0	Day-break ſoon after 4
15	26	St. Cyprian.	10 0	5 48	
16	27	*Temperate*	10 56	6 36	Sun riſes 12 min. aft. 6
17	28	*Air.*	11 56	7 11	Sun ſets 46 min. aft. 5
18	29	St. Michael.	morn.	8 11	Prs. Charl. Aug. born.
19	G	16 S. aft. Trin.	1 4	8 57	

The 12th day at 18 morn.	*Mars*	is with the ☽.
The 16th day at 7 morn.	*Saturn*	
The 21st day at 4 morn.	*Mercury*	
The 22 day at 6 night,	*Venus*	
The 25th day at noon,	*Jupiter*	

M. D.	☽'s Signs.	H. Wa. Lon.	B.
1	hams	11 A	34
G	legs	morn.	
3	ancles	0	27
4	feet	1	16
5	and	1	38
6	toes	2	44
7	head	3	21
8	face	3	50
[illegible]	neck	4	18
10	throat	4	57
11	arms	5	54
2	should.	6	39
3	breast	7	20
4	stoma.	9	0
5	heart	10	20
[illegible]	and	11	24
7	back	0 A	36
8	bowels	1	31
9	belly	2	26
0	reins	3	8
1	loins	3	38
2	secret	4	8
	memb.	5	47
	hips	6	26
	and	7	2
	thighs	7	57
	knees	9	0
	hams	10	3
	legs	11	0
	and		

Observations.

several Parts by their Acrimony. Hence Pains in divers Parts, Contractions and convulsive Motions sometimes affecting the nervous and membraneous Parts.

To make these Diseases more pernicious in their Consequences, and that they may be sure to leave a Scurvy behind them, the Mode of curing by repeated Phlebotomies, or Bleeding, contributes to the Setting-on, and Advance of the Scurvy. Only this you may observe, as I have observed it often, that those which have been bled much in the Cure of Fevers, are much longer in recovering their Strength, and with more Difficulty rase out the Vestigia of their Sickness, and commonly a scorbutic Consumption is the Consequence from such Medicines in the Cure of Fevers; and also in the Cures, or rather Palliation, of other Diseases, great Occasions are given for the Scurvy to take Place, which otherwise might be prevented by a more rational Course, and effectual Medicines.

Large Hæmorrhages, or Fluxes of Blood, are accounted by some to be a

□ ☉ ♂, □ ☉ ♃, ☍ ♃ ♂, ✱ ♄ ☿, △ ♂ ☿, □ ♄ ♀.

OCTOBER hath XXXI Days.

New Stile.

Full Moon the 4th day at 8 night.
Last Quarter the 11th day at 10 night.
New Moon the 18th day at 8 night.
First Quarter the 26th day at 4 afternoon.

☉ M	☽ D	Festival Days and Weather.	☽ rises and sets	Moon South.	Sun's rising and setting. Decrease of Days, &c.
☉	1	*Warm Rain*	2 12	9 A 43	Sun rises 18 min. after 6
1	2	*about this*	3 20	10 27	Sun sets 40 min after 5
2	3	*Time.*	4 42	11 13	Day breaks 27 m. aft. 4
3	4		☽ rises	morn.	Day 11 hours long.
4	5	*Good*	5 38	0 1	Day decr. 5 h. 22 m.
5	6	*Weather,*	6 6	0 50	Sun rises at half an hour
6	☾	17 S. aft. Trin.	6 36	1 42	after 6, and sets half
7	8	*the Season*	7 10	2 36	an hour after 5.
8	9	*considered.*	7 50	3 32	
9	10		8 40	4 29	Twilight ends 19 min.
10	11	*Blustering*	9 50	5 28	after 7.
11	12	*Winds, with*	11 9	6 26	
12	13	*some Rain.*	morn.	7 22	Virgin's Spike rises 47 m.
13	☾	18 S. aft. Trin.	0 32	8 16	after 6.
14	15	*The Weather*	2 6	9 2	Sun rises 44 min. after 6
15	16	*more*	3 52	10 0	Sun sets 14 min. after 5
16	17	Ethelred.	5 26	10 49	Day decreases 6 hours.
17	18	St. Luke.	☽ sets	11 39	
18	19	*temperate*	5 15	0 A 30	
19	20	*now abouts.*	5 45	1 20	
20	☾	19 S. aft. Trin.	6 16	2 10	
21	22	*Rain or Sleet.*	6 52	3 0	Day 10 h. 4 min. long.
22	23		7 34	3 49	
23	24	*Tempestuous*	8 20	4 39	Day decr. 6 h. 24 min.
24	25	K. Geo. III. In	9 16	5 27	Crispin.
25	26	K. G. III. Pro.	10 14	6 13	
26	27	*Weather.*	11 15	7 0	
27	☾	20 S. aft. Trin.	morn.	7 42	St. Simon and Jude.
28	29	*Frosty*	0 19	8 37	
29	30	*Mornings*	1 43	9 12	
30	31	*to the End.*	3 20	10 0	

The 10th day at noon. *Mars*
The 13th day at 6 night. *Saturn*
The 19th day at 6 night. *Mercury* } is with the ☽.
The 22d day at 6 night. *Venus*
The 23d day at 4 morn. *Jupiter*

M ☽	☽'s Signs.	H. Wa. Lon. B.	Obſervations.
1	ancles	morn.	procuring Cauſe of the Scurvy, and not
2	feet	0 1	undeſervedly: ſo likewiſe immoderate
3	toes	0 59	Venery: both which make a great Ex-
4	head	1 37	hauſtion of Spirits, and impoveriſheth Na-
5	face	2 25	ture, in which low Eſtate the Scurvy hath
6	neck	3 7	a fit Opportunity to take Radication in
G	throat	3 37	the Body.
8	arms	4 10	
9	and	4 55	
10	ſhould.	5 42	TOBACCO.
11	breaſt	6 43	
12	ſtom.	7 44	Another grand procuring and promot-
13	heart	8 59	ing Cauſe of the Scurvy, is Tobacco, not
G	back	10 9	taken Notice of by any that I meet with
15	bowels	11 18	in Print; and here we may charge much
16	belly	0 A 20	of the Frequency of taking Tobacco.
17	reins	1 13	Many wonder that the Scurvy ſhould ſo
18	loins	2 5	much abound now in moſt Places, and be-
19	ſecret	2 50	come ſo common to every Eye, that was
20	memb.	3 37	ſo rarely taken Notice of in former Times,
G	hips	3 55	notwithſtanding ſome of its procuring
22	and	4 30	Cauſes were very antique: but we need
23	thighs	5 7	not wonder ſo much if we conſider the
24	knees	5 51	Manner of living in former Ages, com-
25	hams	6 40	pared with our own: new Cuſtoms and
26	legs	7 30	Diets beget new Diſeaſes, or modify the
27	and	8 29	
G	ancles	9 20	
29	feet	10 36	☍ ☉ ♄, ☍ ☉ ♃, ▽ ♄ ☿,
30	toes	11 24	△ ☉ ♂, ☌ ☉ ☿, ☌ ♃ ☿.
31	head	morn.	

NOVEMBER hath XXX Days.

Old Stile. New Stile.

Full Moon the 3d day at 9 morning.
Laſt Quarter the 10th day at 5 morning.
New Moon the 17th day at 10 morning.
Firſt Quarter the 25th day at 1 afternoon.

M D	M D	Feſtival Days and Weather	☽ riſes and ſets		Moon South		Sun's riſing and ſetting. Decreaſe of Days, &c.
21	1	All Saints.	4	50	10	48	Sun riſes 17 min. after 7
22	2	Pr. Edward b.	6	30	11	39	Sun ſets 41 min. after 4
23	3	*Serene and fair.*	☽ riſes		morn.		
24	G	21 S. aft. Trin.	5	8	0	33	Orion's Girdle riſes 53 m. after 8 at night.
25	5	Powder Plot.	5	59	1	29	
26	6	Term begins.	6	50	2	28	Day breaks at half an hour after 5.
27	7	D. Cumb. bo.	7	50	3	27	
28	8	Prs Sop. Aug. b	9	0	4	25	
29	9	*Windy, mixt*	10	20	5	23	Sun riſes 32 min. after 7
30	10	*with wet.*	11	40	6	18	
31	G	22 S. aft. Trin.	morn.		7	10	Martin-Day.
Nov. 1	12	*Bluſtering,*	0	54	8	0	Sun ſets 22 min. after 4
2	13	*unſettled*	2	14	8	50	Day 8 h. 36 m. long.
3	14	*Weather.*	3	48	9	39	Day decr. 7 h. 53 min.
4	15	*Drizzly, and*	5	24	10	27	Aldeb. riſes 1 hour after ſun-ſet.
5	16	*moiſt Air.*	7	8	11	14	
6	17	*Now more*	☽ ſets		0 A	4	Eclipſe of Sun inviſible.
7	G	23 S. aft. Trin.	4	52	0	55	Sun riſes 47 m. after 8
8	19	*temperate.*	5	30	1	45	Sun ſets 18 min. after 4
9	20	*Inclinable*	6	20	2	33	
10	21	*to froſty*	7	15	3	20	
11	22	Old Martinm.	8	10	4	7	Day 8 hours 22 m. long.
12	23	St. Clement.	9	15	4	52	Cecilia.
13	24	*Mornings.*	10	26	5	36	Day 8 hours 14 m. long
14	G	24 S. aft. Trin.	11	48	6	20	Duke of Glouc. born.
15	26	*Snow, and*	morn.		7	4	7 Stars ſet 40 min. aft. 7 in the morning.
16	27		0	58	7	49	
17	28	Term ends.	☽	20	8	35	Sun riſes at 8, and ſets at 4.
18	29	*ſharp Air.*	3	46	9	24	
19	30	St. Andrew.	5	16	10	17	Prs. Dow. Wales born.

The 7th day at 2 morn. *Mars*
The 10th day at 2 morn. *Saturn*
The 15th day at 10 night. *Mercury* } is with the ☽.
The 19th day at midnight. *Jupiter*
The 27st day at 11 morn. *Venus*

☽	☽'s Signs.	H.	M.	Wa. Lon.	B.	Observations.
1	and	morn.				old, ſo as they ſeem to be new in their
2	face	1		13		unwonted Manner, or Frequency of Ap-
3	neck	2		5		pearance.
4	throat	2		50		The Scurvy being altered, and different
5	arms	3		33		now from what it was in ancient Times,
6	ſhould.	4		6		that the Phænomena or Symptoms of the
7	breaſt	4		51		Diſeaſe in the Syndromes and Concur-
8	ſtom.	5		35		rence is not exactly alike with the Deſcrip-
9	heart	6		34		tion of the Ancients, which hath cauſed
10	back	7		35		a Doubt, and it is held by ſome Phyſi-
11	bowels	8		41		cians, that the Scurvy is a new Diſeaſe;
12	belly	9		49		but it is the old Scurvy, dreſſed in a new
13	reins	10		53		Garb, which by new procuring Cauſes,
14	loins	11		57		and additional Complications, is become
15	ſecret	0	A	4		more depraved, more frequent, and more
16	and	0		55		enlarged; few Perſons but harbour this
17	*memb.*	1		38		unwelcome gueſt.
18	hips	2		19		As an additional Procurer, that greatly
19	thighs	3		10		enlarged the Scurvy, Tobacco comes now
20	knees	3		40		to be examined, ſince whoſe general Uſe
21	and	4		8		the Scurvy hath much increaſed, and is
22	*hams*	4		45		become the moſt epidemical. That this
23	legs	5		22		Plant is injurious and deſtructive to Na-
24	ancles	6		3		ture, and, conſequently an Introducer of
25	feet	6		38		the Scurvy, will appear, if we conſider
26	and	7		38		
27	*toes*	8		34		
28	head	9		34		
29	face	10		33		☌ ♂ ☿, □ ☉ ♄, △ ♂ ♅, ✶ ☿ ♅,
30	neck	11		37		□ ♄ ♅.
		morn.				

DECEMBER hath XXXI Days.

Full Moon the 2d day at 10 night.
Last Quarter the 9th day at 2 afternoon.
New Moon the 17th day at 4 morning.
First Quarter the 25th day at 8 morning

Old Stile. M D	New Stile. M D	Festival Days, and Weather.	☽ rises and sets		Moon South		Sun's rising and setting. Increase of Days, &c.
20	1		6	4	11 A	12	
21	G	Advent Sund.	☽ rise		morn.		Day 8 hours long.
22	3	*Windy, and*	4	40	0	10	
23	4	*perhaps*	5	25	1	10	Sun rises 4 min. after 8
24	5	*Sleet or*	6	4	2	13	Sun sets 55 min. after 4
25	6	*Snow, but*	7	49	3	12	Twilight ends at 6
26	7	*for the*	9	4	4	8	
27	8	Conc. B.V.M.	10	22	5	2	
28	G	2 S. in Advent	11	42	5	52	Day decr. 8 h. 42 min.
29	10	*moſt part*	morn.		6	41	Day-break at 6
30	11	*fine for the*	1	6	7	29	Sun rises 9 min. after 8
Dec. 1	12	*Season.*	2	32	8	16	Sun sets 49 m. after 3
2	13	Lucy, Virgin.	3	58	9	3	
3	14	*Now*	5	26	9	59	
4	15	*more fair*	6	48	10	40	Day 7 hours 36 m. long
5	G	3 S. in Advent	☽ sets		11	29	Day decr. 8 h. 50 min.
6	17	*and froſty,*	4	7	0 A	20	
7	18	*with ſharp Air*	5	1	1	8	
8	19	Ember Week.	5	58	1	54	Sun rises 12 m. after 8
9	20	*for ſome Days.*	7	0	2	40	Sun sets 48 min. aft. 3
10	21	St. Thomas.	8	4	3	23	Shorteſt Day.
11	22	*Inclined to*	9	18	4	6	
12	G	4 S. in Advent	10	18	4	48	Day decr. 8 hours 52 m.
13	24	*Rain, but*	11	28	5	32	Length of day 7 h. 48 m.
14	25	Chriſtmas-day	morn.		6	16	
15	26	St. Stephen.	0	40	7	2	Day-break 1 min. aft.
16	27	St. John Evan.	1	50	7	51	Sun rises 12 m. after 8
17	28	Holy Innoc.	3	15	8	44	Sun sets 48 min. after
18	29	*Turns to Froſt*	4	35	9	40	7 Stars ſouth 9 at night
19	G	1 S. aft. Chriſt.	5	56	10	40	
20	31	*and Snow.*	7	10	11	42	

The 4th day at 1 morn.	*Mars*	☽ is with the ☽.
The 7th day at 9 morn.	*Saturn*	
The 17th day at 1 morn.	*Mercury*	
The 17th day at 10 night.	*Jupiter*	
The 19th day at 7 night.	*Venus*	
The 30th day at 10 night.	*Mars*	

☽	☽'s Signs.	H. Wa. Lon, B.	Observations.
1	throat	morn.	the Effects that ſupervene and follow the
♌	arms	1 36	taking of it. The Conſequences or Ef-
3	ſhould.	2 34	fects may be divided into two Sorts, firſt,
4	breaſt	3 21	ſuch as accompany or ſupervene the firſt
5	ſtom.	3 56	Uſe of it; ſecondly, ſuch as follow the
6	heart	4 40	long and conſtant Uſe of it.
7	back	5 22	Now Tobacco being of an acrimonious,
8	bowels	6 13	hot, dry, &c. Nature, does pervert and
♋	belly	7 6	change the balſamic Juices of the Body
10	reins	8 6	into a more ſharp and fiery Temper, and
11	and	9 5	alienate them, whereby they are not ſo
12	loins	10 7	amicable and fit for Nutrition, as many
13	ſecret	11 15	ſcorbutic Tobacconiſts do evidence upon
14	memb.	0 A 9	Examination, and their Conſtitution is hurt
15	hips	1 3	by the evil Uſe of this Plant.
♌	and	1 51	
17	thighs	2 42	
18	knees	3 20	
19	hams	3 46	△☉♄, △♄☿, ☌☉♂, ☌♂☿,
20	legs	4 14	☌☉☿, ☌♃☿, ☌☉♃.
21	and	4 41	
22	ancles	5 22	
♑	feet	5 58	
24	toes	6 45	
25	head	7 33	
26	face	8 32	
27	neck	9 36	
28	and	10 46	
29	throat	11 57	
♌	arms	morn.	
31	ſhould.		

The Dominion of the MOON in Man's *Body*, passing under the Twelve *Zodiacal* CONSTELLATIONS.

♈ *Aries*, head and face.	♎ *Libra*, reigns and loins.
♉ *Taurus*, neck and throat.	♏ *Scorpio*, secret members.
♊ *Gemini*, arms & shoulders.	♐ *Sagittary*, thighs and hips.
♋ *Cancer*, breast & stomach.	♑ *Capricorn*, the knees.
♌ *Leo*, heart and back.	♒ *Aquarius*, the legs.
♍ *Virgo*, bowels and belly,	♓ *Pisces*, the feet.

The Names and Characters of the Seven *Planets*, with the *Dragon*'s *Head* and *Tail*.

♄ Saturn.		♀ Venus.
♃ Jupiter.	☉ *Sol*, or the Sun.	☿ Mercury.
♂ Mars.		☽ The Moon.

☊ Dragon's Head.
☋ Dragon's Tail.

A Table of Aspects, both Old and New, according to EICHSTADIUS.

Characters.	*The Names of the Aspects.*	*Distant in Signs, Deg.*		The *Phases*, or *Shapes of* the *Moon's Light.*
☌	Conjunction.	00	00	*Novilunium*, the New Moon
SS	Semisextile.	01	00	
⚹	Sextile.	02	00	*Corniculata*, the horned Moon
⚺	Quintile.	02	12	
□	Quartile.	03	00	*Semiplena*, Moon half full o (light
Tr	Tredicile.	03	18	
△	Trine.	04	00	*Gibbosa*, Moon three part (light
Bq	Biquintile.	04	24	
☍	Opposition.	06	00	*Plenilunium*, the full Moon.

Observations by *WILLIAM ANDREWS*,
Student in *Aſtrology* and *Phyſick*.

When I behold, O Lord, the heavenly Bodies, the Sun, and Moon, and Stars, which thou haſt ordained; oh, what is Man that thou regardeſt him, or the Son of Man, that thou takeſt any Notice of him! Pſal. viii. v. 4.

Of the FOUR QUARTERS *of the Year* 1770.

FIRST, Of the WINTER QUARTER; which commenceth on Thurſday the 21ſt day of December, 1769, at 46 minutes after 11 in the forenoon: at which time the Sun according to appearance enters the firſt point of the tropical ſign Capricorn, the night longeſt and the days ſhorteſt.

The SPRING QUARTER

Takes its beginning on Tueſday the 20th day of March, at two minutes before noon; then the Sun touches the firſt point of the equinoctial ſign Aries; days and nights of equal length all the world over.

The SUMMER QUARTER.

This Quarter commenceth on Thurſday the 21ſt day of June, at noon; at that inſtant of time the Sun enters the firſt ſcruple of the ſign Cancer.

The AUTUMNAL QUARTER.

The beginning of this Quarter is on Sunday the 23d day of September, at twelve in the morning.

Of the ECLIPSES for this preſent Year 1770.

THERE will be only two Eclipſes, and both of the Sun. The firſt will happen on the 25th day of May, about half an hour before one in the morning, and therefore inviſible to us.

The ſecond Eclipſe is likewiſe of the Sun, which will fall on the 17th day of November, about a quarter of an hour after ten in the morning; but, the Moon having South latitude augmented by her parallax, will be inviſible to us, and all this part of the globe.

See how the ſummer poſts and haſtes away,
The nights grow long and ſhorter far the day;
The woods look tatter'd, the leaves alſo be
Diveſted of their virid livery;
The wing'd muſicians of the air don't ſing
The notes with which they uſher'd in the ſpring;
They've loſt their ſweeter tunes, their voices be
Grown harſh and flat, and void of harmony;
The fields that were with ſcarlet flow'rs o'erſpread,
Look ruſſet now that Flora's pomp is dead;
Now hills, rocks, mountains cover'd are with ſnow,
Which ſoon with floods the valleys overflow.

N. B. Look for the Sum in the Left-hand Column, and against it is the Interest for a Week, a Month, 3 Months, 6 Months, a Year: So the Interest of 30*l.* for a Week is 7 Pence half-penny, for a Month 2*s.* 6*d.* for 3 Months 7*s.* 6*d.* for 6 Months 15*s.* for a Year 1*l.* 10*s.*

A Table of Interest at 5 per Cent.

	A Week			1 Month			3 Months			6 Months			A Year		
	s.	*p.*	*f.*	*s.*	*p.*	*f.*	*s.*	*p.*	*f.*	*s.*	*p.*	*f.*	*s.*	*p.*	*f.*
Shillings. 1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
2	0	0	0	0	0	0	0	0	1	0	0	2	0	1	0
3	0	0	0	0	0	0	0	0	1	0	0	3	0	1	3
4	0	0	0	0	0	0	0	0	2	0	1	1	0	2	1
5	0	0	0	0	0	1	0	0	3	0	1	2	0	3	0
6	0	0	0	0	0	1	0	1	0	0	1	3	0	3	2
7	0	0	0	0	0	1	0	1	0	0	2	0	0	4	0
8	0	0	0	0	0	1	0	1	0	0	2	1	0	4	2
9	0	0	0	0	0	1	0	1	1	0	2	2	0	5	1
10	0	0	0	0	0	2	0	1	2	0	3	0	0	6	0
Pounds. 1	0	0	1	0	1	0	0	3	0	0	6	0	1	0	0
2	0	0	2	0	2	0	0	6	0	1	0	0	2	0	0
3	0	0	3	0	3	0	0	9	0	1	6	0	3	0	0
4	0	1	0	0	4	0	1	0	0	2	0	0	4	0	0
5	0	1	1	0	5	0	1	3	0	2	6	0	5	0	0
6	0	1	2	0	6	0	1	6	0	3	0	0	6	0	0
7	0	1	3	0	7	0	1	9	0	3	6	0	7	0	0
8	0	2	0	0	8	0	2	0	0	4	0	0	8	0	0
9	0	2	1	0	9	0	2	3	0	4	6	0	9	0	0
10	0	2	2	0	10	0	2	6	0	5	0	0	10	0	0
	p.	*s.*	*p.*	*p.*	*s.*	*p.*	*p.*	*s.*	*p*	*p.*	*s.*	*p.*	*p.*	*s.*	*p*
Tens of Pounds. 20	0	0	5	0	1	8	0	5	0	0	10	0	1	0	0
30	0	0	7½	0	2	6	0	7	6	0	15	0	1	10	0
40	0	0	10	0	3	4	0	10	0	1	0	0	2	0	0
50	0	1	0½	0	4	2	0	12	6	1	5	0	2	10	0
60	0	1	3	0	5	0	0	15	0	1	10	0	3	0	0
70	0	1	5½	0	5	10	0	17	6	1	15	0	3	10	0
80	0	1	8	0	6	8	1	0	0	2	0	0	4	0	0
90	0	1	10½	0	7	6	1	2	6	2	5	0	4	10	0
100	0	2	1	0	8	4	1	5	0	2	10	0	5	0	0
200	0	4	2	0	16	8	2	10	0	5	0	0	10	0	
500	0	10	5	2	1	8	6	5	0	12	10	0	25	0	
1000	1	0	10	4	3	4	12	10	0	25	0	0	50	0	

A correct Table for equating of Time, or of the Inequality of Solar Days, for the regulating of Clocks ——

Days.	*J.*	*F.*	*M.*	*A.*	*M*	*J.*	*J*	*A.*	*S.*	*O.*	*N.*	*D.*	Days.
	ad	ad	ad	ad	ſu.	ſu.	ad	ad	ſu.	ſu.	ſu.	ſu.	
1	4	14	13	4	3	3	3	6	1	10	16	10	1
2	5	14	13	4	3	3	3	6	1	11	16	10	2
3	5	14	13	3	4	3	3	6	1	11	16	10	3
4	6	15	12	3	4	2	3	6	1	11	16	9	4
5	6	15	12	3	4	2	3	5	2	11	16	9	5
6	6	15	12	2	4	2	4	5	2	12	16	8	6
7	7	15	11	2	4	2	4	5	2	12	16	8	7
8	7	15	11	2	4	2	4	5	2	12	16	8	8
9	8	15	11	2	4	2	4	5	3	13	16	7	9
10	8	15	11	1	4	1	5	5	3	13	16	7	10
11	9	15	10	1	4	1	5	5	3	13	15	6	11
12	9	15	10	1	4	1	5	5	4	13	15	6	12
13	9	15	10	0	4	1	5	4	4	14	15	5	13
14	10	15	10	0	4	1	5	4	5	14	15	4	14
15	10	15	9	ſu.	4	0	5	4	5	14	15	4	15
16	11	15	9	0	4	0	5	4	5	14	15	4	16
17	11	15	9	1	4	ad	5	4	6	14	15	3	17
18	11	14	8	1	4	0	6	3	6	15	14	3	18
19	11	14	8	1	4	0	6	3	6	15	14	2	19
20	12	14	8	1	4	1	6	3	6	15	14	2	20
21	12	14	7	2	4	1	6	3	7	15	14	1	21
22	12	14	7	2	4	1	6	3	7	15	13	1	22
23	13	14	7	3	4	1	6	2	7	15	13	ad	23
24	13	14	6	2	4	2	6	2	8	16	13	0	24
25	13	14	6	2	4	2	6	2	8	16	13	1	25
26	13	13	6	2	4	2	6	2	9	16	12	1	26
27	13	13	6	3	4	2	6	1	9	16	12	2	27
28	14	13	5	3	3	2	6	1	9	16	12	2	28
29	14		5	3	3	3	6	1	10	16	11	3	29
30	14		5	3	3	3	6	ſu.	10	16	11	3	30
31	14		4		3		6	0		16		4	31

Note, When the Title is ad. Watches are too faſt; and when the Title is ſu. Watches are too ſlow for the Sun.

—— and WATCHES; exactly calculated to every Minute of Variation, or Difference in Time.

Of the Inequality of Natural Time, and the right Adjusting and Managing of Pendulum *Clocks* and *Watches*.

The Day is of two Sorts, *Mean* and *Solar*. The Mean or Equal Day is always 24 Hours exactly, and is the Day which all good Pendulum Clocks and Watches should exactly measure. The Solar, Apparent, or Natural Day, is pointed out by a good Sun-Dial; or is that Space of Time that intervenes between the Sun's leaving a given Meridian in the Heavens, and returning to it again; and does almost perpetually differ from the Mean or Equal Day; and consequently a good Pendulum Clock, accurately adjusted, will almost perpetually differ from an exact Sun-Dial. In the preceding Table, you have the Quantity of this Difference in Minutes, for every Day in the Year; with the Titles Add. or Sub. which signifies thus much: If you can gain the exact Apparent Time of the Day, either by the Sun's Rising, Setting, Transiting the Meridian, or by a good Sun-Dial, and would set your Clock or Watch to go with the exact Equal Time, as it always should do; then, in this Table, find the Number of Minutes standing against the Day of the Month propos'd, and observe the Title above, if Add. or Sub. for according to the Title you must apply the said Minutes to the Apparent Time, and the Sum or Difference will be the exact Equal Time required; to which you must set your Clock or Watch.

Example I. Suppose *Feb.* 16, I observe by a good Sun-Dial when it is exactly 10 o'Clock; then against the 16th of *February* in this Table I find 15 Min. Add. which makes 10 Hours 15 Minutes, the exact Equal Time which should be shewn by the Clock, at the same Time the Dial shews exactly 10 Hours.

Example II. On the 26th Day of *October*, suppose I observe by a good Dial when it is exactly 10 o'Clock, then against the 26th of *October* stands 16 Minutes Sub. which leaves 44 Minutes after 9 for the Time to be shewn by your Clock.

By *W. ANDREWS*, Student in *Aſtrology*.

A REGAL TABLE of all Kings and Queens of *England*, ſince EGBERT laſt King of the *Saxons*, and firſt King of *England*.

Numb.	Kings Names.	Began to Reign	Reign'd.	Numb.	Kings Names.	Began to Reign	Reign'd.
1	Egbert	819	18	28	Henry III.	1216	56
2	Ethelwolf	837	20	29	Edward I.	1272	35
3	Ethelbald	857	3	30	Edward II.	1307	19
4	Ethelbert	860	6	31	Edward III.	1327	50
5	Ethelred I.	866	6	32	Richard II.	1377	22
6	Alfred	872	29	33	Henry IV.	1399	13
7	Edward I.	901	24	34	Henry V.	1413	9
8	Athelſtan	924	16	35	Henry VI.	1422	38
9	Edmund I.	940	6	36	Edward IV.	1461	21
10	Eldred	946	9	37	Edward V.	1483	0
11	Edwin	955	4	38	Richard III.	1483	2
12	Edgar	959	16	39	Henry VII.	1485	24
13	Edward II.	975	4	40	Henry VIII.	1509	38
14	Ethelred II.	979	37	41	Edward VI.	1547	6
15	Edmund II.	1016	2	42	Queen Mary I.	1553	5
16	Canutus I.	1017	20	43	Queen Eliz.	1558	44
17	Harold I.	1037	4	44	James I.	1602	22
18	Canutus II.	1040	2	45	Charles I.	1625	23
19	Edw. III. Conf.	1042	24	46	Charles II.	1648	36
20	Harold II.	1066	1	47	James II.	1684	4
21	William I. Con.	1067	20	48	Wm. III. & Q. Mary II.	1688	13 6
22	William II. Ruf.	1087	13	49	Queen Anne	1701	13
23	Henry I.	1100	35	50	George I.	1714	13
24	Stephen	1135	19	51	George II.	1727	33
25	Henry II.	1154	35	52	George III.	1760	
26	Richard I.	1189	10				
27	John	1199	17				

Whom GOD preſerve.

A TABLE of ſome principal fix'd Stars, with the Time the riſe, ſouth, and ſet, either before or after the ſeven Stars as alſo their Colour, Magnitude, and meridian Altitud by which they may be readily diſcover'd.

Colour.	Mag.	Alt.	Names of the Stars	Riſe. H.	M.	South. H.	M.	Sets. H.	M
♂	1	53	*Aldebaran, or Bull's Eye*	1 *a*	34	0 *a*	48	0 *b*	
♄ ☿	1	29	*Left Foot of Orion*	4	31	1	31	1	3
☿ ♄	2	36	*Middle * in Orion's Belt*	4	13	1	51	0	3
♂ ♀	1	45	*Right Shoulder of Orion*	3	23	2	8	0	
♀ ♂	1	21	*Sirius, the great Dog*	6	51	3	1	0	4
♂	2	43	*Procyon, the little Dog*	5	33	3	53	2 *a*	
♂ ♀	2	30	*Heart of Hydra*	8	39	5	41	2	4
☿ ♂	1	51	*Regulus, Lion's Heart*	7	26	6	21	5	1
♀	1	54	*Deneb, the Lion's Tail*	8	42	7	54	7	
♀ ♂	1	28	*Virgin's Spike*	12	46	9	38	6	3
♂ ☿	1	58	*Arcturus*	10	47	10	30	10	1
♂	1	12	*Antares, Scorpion's Heart*	17	36	12	39	7	4
♄ ♀	2	46	*Bright Star of the Vulture*	17	38	16	3	9 *b*	2
♀ ♀	1	6	*Fomahant*	1	14	16	11	10	3
☿ ♀	2	65	*Head of Andromeda*	19	43	20	19	2	5

THE brighteſt of the ſeven Stars is of the thir Magnitude, and hath 61 Degrees of meridian Altitud and in Colour participates of the *Moon* and *Mercury*.

2. The fix'd Stars all riſe, ſouth, and ſet about fo Minutes ſooner every Night, than they did the Night b fore. This conſider'd, the exact Time of their riſing, ſoutl ing, and ſetting, for any intermediate Night, not here noted, may be very eaſily deduced from this Table, l Inſpection only.

To know the Time of the riſing, ſouthing, and ſetti of any Star in this Table, for any Day requir'd, it is k conſidering how many Hours and Minutes that Star ri ſouths, or ſets, either before or after the ſeven Stars, that Day, and you ſhall have your Deſire; obſerving, t in this Table *a* ſtands for *after*, and *b* for *before*.

A *Brief Chronology* of Memorable Things since the Creation of the World.

	Years.
THE Creation of the World	5780
Noah's Flood	4330
The Building of *London*	2877
The Building of *York*	2759
The Building of *Canterbury*	2668
The Building of *Stamford*	2633
The Building of *Leiceſter*	2614
The Building of *Rome*	2523
Alexander died	2090
Julius Cæſar ſlain	1813
St. *Peter* and St. *Paul* put to Death	1696
The Deſtruction of *Jeruſalem* by *Titus*	1683
England firſt received the Chriſtian Faith	1580
St. *Augvſtine* died	
Duke *William* conquered *England*	704
St. *Paul*'s Church the firſt Time burnt	684
Weſtminſter-hall was built	671
The firſt Lord-Mayor of *London*	571
The Bible divided into Chapters	576
London-Bridge was built with Stone	566
The Invention of Guns	561
The *Thames* frozen from St. *Andrew*'s till *Candlemas*	591
An exceeding hot Summer, many died through Extremity of Heat	490
Abundance of Rain in Harveſt, ſo that Horſes, Dogs, *&c.* were eaten	455
Tamerlane the *Scythian* ſlew 20,000 *Turks*, and took *Bajazet* the Emperor, and bound him in Fetters of Gold, and carried him about in an Iron Cage	373
A Peſtilence in *London*, whereof died 30,000	363
Richard Whittington, four Times Lord-Mayor of *London*, was buried in St. *Michael's Royal* in *Thames-Street*	360
The Art of Printing	330
Coaches came into *England*	315
St. *Paul's* Steeple fired	209
The great Maſſacre in *France*	198

Since

The

The new Star in *Caſſiopeia*	198
The Calendar was corrected	188
The Camp at *Tilbury* in *Eſſex*	182
The Powder-Plot	165
King *Charles* I. was born	170
A great Plague in *London*	166
The great Froſt	163
The Comet or Blazing Star, *Nov.* 18.	162
King *Charles* II. was born	140
The Long Parliament began *Nov.* 3.	130
The great Rebellion in *Ireland* began *Oct.* 23.	130
The Battle at *Edgehill*, *Oct.* 23.	129
The Fight at *Brentford*	127
The *Scotch* Army of 20000 Horſe and Foot entered *England*	126
Marſton-Moor Fight	126
Newberry Fight, *Oct.* 28.	126
The Archbiſhop of *Canterbury* was beheaded, *Jan.* 10.	125
Naſeby Fight	125
Since The *Scots* routed in *Lancaſhire* by *O. C.*	125
King *Charles* I. murthered, *Jan.* 30.	121
D. *Hamilton*, L. *Capel*, & E. of *Holland*, beheaded	120
Colcheſter taken	120
Worceſter Fight	119
The Long Parliament was pulled out by *O. C.*	117
Dunkirk delivered to the *Engliſh*	112
Sir *Henry Slingsby* and Dr. *Hewyt* beheaded	112
Oliver died	112
General *Monk*'s March from *Scotland* to *London*	112
The Lord *Monk* brought in the ſecluded Members	110
The Healing Parliament, *April* 25.	110
K. *Charles* II. happily arrived in *London*, *May* 29.	110
K. *Charles* II. crown'd at *Weſtminſter*, *April* 23.	109
Two Comets appeared in four Months Time	105
The great Plague in *London*, whereof died 100000	105
The deplorable Fire in *London*, *Sept.* 2, 3, 4, 5.	104
Peace agreed betwixt the *Engliſh* and *Dutch*	96
The great Snow	96
Sir *Edmund-Bury Godfrey* was murthered	92
The great Comet in *December*	90

	The Lord *Ruſſel* beheaded, *July* 21.	87
	King *James* crowned, *April* 23.	85
	The Rebellion in *Scotland* began *May* 13.	85
	The late Duke of *Monmouth* beheaded *July* 15.	85
	The ſeven Biſhops ſent to the *Tower*, *June* 8.	82
	The Prince of *Orange* landed, *Nov.* 5.	82
	K. *William* and Q. *Mary* crowned, *April* 11.	81
	King *William* reduced *Ireland*	80
	The *French* Fleet beaten by the *Engliſh* & *Dutch*, whereby the *French* loſt 20 capital Ships	78
	The Plot for aſſaſſinating King *William* III.	75
	King *William* died	68
	Queen *Anne* crowned, *April* 23.	68
	The great Wind, *November* 27.	67
	Gibraltar was taken by the *Engliſh* and *Dutch*	66
	The Victory at *Hochſted*	66
	The Battle of *Ramillies*	64
	England and *Scotland* made *Great-Britain*	63
	Peace concluded with *France*	57
Since	King *George* I. crowned, *October* 20.	56
	The Rebellion in *Scotland* and *Lancaſhire*	55
	The great Froſt and Snow	55
	King *George* I. died, *June* 11, 1727.	43
	King *George* II. crowned, *October* 11.	43
	War declared againſt *Spain*	3
	A ſevere Froſt from *Dec.* 25, to *Feb.* 27.	3
	War declared againſt *France*	2
	The Rebellion in *Scotland* defeated	2
	The Peace ſigned, *October* 7.	2
	Frederick Prince of *Wales* died *March* 21.	1
	Date and Calendar altered	1
	King *George* II. died *October* 25.	1
	King *George* III. began to reign	1
	King *George* III. and Q. *Charlotte* crowned *Sept.* 22.	
	A great Snow for 18 Days together in *Feb.* and *March.*	
	Peace concluded between *France* and *Spain* with *Engl.*	
	Prince of *Wales* born *Auguſt* 12.	
	Prince *Frederick* born *Auguſt* 16.	
	Prince *William-Henry* born *Auguſt* 21.	
	Princeſs Royal born *Sept.* 29.	
	Prince *Edward* born *November* 2.	

The primitive, external, and procuring Cauſes of the Scurvy.

THE procatarctic and remote cauſes of the ſcurvy, that gradually introduce and lay the foundation of this diſeaſe, are generally agreed and aſſented to by Eugalenus, Sal. Albert, Martinus, Horſtius, and others, to be theſe; meat and drink, a ſedentary, inactive life. The more remarkable diſcovery and frequency of the ſcurvy, may well and juſtly be imputed to tobacco; ſince of later years that tobacco hath been in uſe, and in thoſe countries where tobacco is much taken, it does abound moſt.

Although I diſcommend the uſe of tobacco by ſmoaking it as an injurious cuſtom, yet I highly applaud it as very medicinal, being rightly uſed. I remember about 15 years ſince, a patient of mine in Derbyſhire fell into a great paroxyſm or fit of an aſthma, almoſt to ſuffocation; I exhibited a doſe of the ſyrup of tobacco, which gave him preſent help, and within a few hours he was ſo relieved, that he could draw his breath with much eaſe and freedom. And about a year after at Maxfield, in Cheſhire, I cured a gentlewoman of an ulcer of ſeven years ſtanding, chiefly with the ointment of tobacco; and although other things were uſed, yet I aſcribe moſt of the cure to that unguent. And in many other caſes, tobacco is of good uſe, which I have experienced; but ſmoaking of it I find to be hurtful, if it be cuſtomary. I ſhall not be ſo ſtrict and ſevere againſt the uſe of it, as to forbid all perſons the ſmoaking it upon any ſcore whatever; for that which may be uſed at certain times as medicinal upon juſt occaſion by ſome perſons, may prove very bad and pernicious upon the conſtant and general uſe: and this is the caſe of tobacco.

Tobacconiſts, whom cuſtom hath enſnared and brought to delight in it, are willing to be perſuaded and deluded that it is good and wholeſome, at leaſt harmleſs. The pretences which they urge in defence of it are ſuch as theſe; ſome plead for it, and uſe it after meat, as a help to digeſtion, and therefore take it as a good remedy againſt a bad ſtomach and weak digeſtion.

To this I anſwer, they are much miſtaken herein, not diſtinguiſhing between digeſtion and precipitation of meat out of the ſtomach. Digeſtion is not performed but in due time, by retexture,

retexture, alteration, fermentation, and volatilization of meat, which till then is not fit to paſs out of the digeſtive office, which requires ſome hours, more or leſs, according to the nature of the food received of facile or difficile digeſtion: now that which provokes the ſtomach to a diſtribution of ſemi-digeſted chyle, and unloading itſelf before digeſtion be finiſhed and perfected, offers great injury to the body, (and this is the caſe of tobacco by its laxative, ſtimulating properties) which error committed in the firſt digeſtive office is not corrected, nor the damage recompenſed by the acuteneſs and ſtrong elaboration of the ſubſequent digeſtions; and for this reaſon, in part, the ſcurvy is procured thereby.

Some take tobacco for refreſhment after labour and diverſiſement of ſerious thoughts, being tired with buſineſs, ſtudy, and muſing. True it is, tobacco puts a ſuſpenſion upon ſerious thoughts, and gives a relaxation for a time in ſome perſons; others contemplate and run over their buſineſs with more delight by the help and during the taking of a pipe: but both theſe perſons, though ſeemingly delighted and refreſhed for a ſhort time, yet afterwards the ſpirits are laſſated and tired; they are more flat, dull, and ſomnolent when the pipe is out. This was but a cheat, the ſpirits were not truly refreſhed, invigorated, and reinforced, as wine does enliven and make briſk the ſpirits, by affording an additional ſupply; but by the fumes of tobacco, the ſpirits are a little inebriated and agitated by another motion than their own, which is ſeeming refreſhment and ſhort, not real and laſting. Others plead for tobacco, and take it as a remedy againſt rheums, becauſe a great dryer and exhauſter of ſuperfluous moiſture. To evince the error of this opinion, conſider what is the cauſe whereby rheums and crude moiſture in the body abound, and then you will plainly ſee whether ſmoaking tobacco be a proper and likely remedy to prevent or oppoſe it. Phlegm and ſuperfluous moiſture does riſe and abound in the body, from a deficiency and debility of the digeſtions; as alſo an impediment or impotency of the expulſive faculties, that the remainder after digeſtion be not tranſmitted by the common ductures. Now that this fume of tobacco gives no roboration, adds no ſtrength to the digeſtive faculties, having no ſymbolical qualities to comply with, is very plain: alſo

that

that ſeparation and expulſion of ſuperfluous moiſture by this fume is not promoted and tranſmitted through the more commodious ductures and paſſages appointed by nature for emiſſion; only a ſalivation by the mouth is procured, which brings no advantage, but damage; for this flux of moiſture does not ariſe as critical from the impulſion of nature, ſeparating and protruding, but from a promiſcuous attraction of fluid moiſture, (by virtue of its acrimonious heat) as well the laudable utile ſuccus, as the degenerated and ſuperfluous; ſo that conſtantly draining the body of this dulcid ſeroſity, muſt cauſe many inconveniencies through the want of it, in as much as it is very ſerviceable to the body in the integrity of its nature, but being alienated is then reduced or vented by better means, nature concurring with the medicine.

But admit this did attract only excrementitious moiſture, (which it does not) yet conſidering it vitiates the ſtomach, and impregnates the chyle with its evil properties, 'tis much better to forbear than to uſe it, that benefit would not recompenſe this injury. And further, that which is a preventing or curative remedy of ſuperfluous moiſture, rheum, or phlegmatick matter, applies a priori to the digeſtions, the ſprings from whence ſuch effects do ariſe, not a poſteriori to the produced matter, which this fume ſeems to pump out, but does not ſtop the leak, and is therefore no radical medicine; and they that ſmoak tobacco upon this account, as a great dryer and exhauſter of ſuperfluous moiſture, are much deceived in the expected benefit, ſince it only brings a current of moiſture, which ought to be expended otherwiſe; but abates nothing in the fountain or ſprings, but rather augments an overflow, (for the reaſons aforeſaid) as Tobacconiſts do evidence by their much ſpitting.

Some may ſay, I never took tobacco, and yet I have the ſymptoms of the ſcurvy as bad as any that have taken it. This may be ſo from other great procuring cauſes, and yet tobacco notwithſtanding may be one great procurer in other perſons. The ſcurvy does not require all the procuring cauſes to concur in its production, but ſometimes one, and ſometimes another is able to do it; and although you take no tobacco, yet perhaps your parents did, or theirs, which is ſufficient to make you fare the worſe: bad cuſtoms and abuſive

living

living extend farther than the perſon ſo offending; it is trauſmitted to their offspring, as in another work I have noted in theſe words: but yet the crime were leſs if only to themſelves the prejudice did extend, but alſo to poſterity their diſeaſes are propagated; the children having impreſſed upon them, and radicated in the principles of their nature, the ſeminal power and productive virtue of inordinate and intemperate living of their genitors and progenitors, that the children may bear witneſs to the following age of the vice and folly of their parents.

Hereby you may underſtand, that evil cuſtom (as of ſmoaking tobacco) does not only injure the perſons doing ſo, but the generation after them are prejudiced. And here by the way we may take notice of the many rickety children in this latter age, ſince the uſe of tobacco; which diſeaſe was not known before the frequent uſe of it: *i. e.* tobacco does ſo enervate and debilitate the faculties, that we may rationally expect the children from this generation to be ſcorbutic, rickety, and more feeble than formerly.

Amurath, the fourth of that name, Grand Seignior of the Turkiſh empire, put forth his edict againſt ſmoaking of tobacco, and made it a capital crime for any that ſhould ſo uſe it; the reaſon of this ſevere prohibition was, that it did render his people infertile.

I ſhall not urge the inconvenience of tobacco ſo far; but this I may aſſert, that it cauſeth an infirm generation, by debilitating the parents, and rendering them ſcorbutic; which impreſſions are carried in ſemine to their children, and makes a diſeaſed iſſue. And I obſerved in Virginia and Maryland, being ſome time in thoſe colonies, that the Planters who had lived long there, being great ſmoakers were of a withered, decayed countenance, and very ſcorbutic being exhauſted by this immoderate fume; nor are they long lived, but do ſhorten their days by the intemperate uſe of tobacco and brandy.

King James, that learned philoſophical Prince of this nation, wiſely conſidering the nature of this plant, and having a good ſcholaſtick head to foreſee the inconveniencies that would ariſe to his people by the ill cuſtom of ſmoaking tobacco, he being the great phyſician of the body politick

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did excellently dehort his ſubjects (being tender of their future welfare) from this noxious fume, and wrote an invective againſt it, whoſe oratory and ſolid argument were enough to have broken the neck of this cuſtom, had they any regard to his kindneſs, or ſenſe of their own good and of their poſterity. I might have enlarged myſelf upon this ſubject, and run over moſt ſcorbutic ſymptoms, ſhewing how they are either firſt procured or aggravated by this fume; but from what hath been ſaid already, it plainly appears, that tobacco is a great procurer and promoter of the ſcurvy, inaſmuch as many ſcorbutic ſymptoms are the proper effects of ſmoaking tobacco, as laſſitude, ſomnolency, dullneſs, ſpitting, ill taſte in the mouth, &c.

And although ſome few perſons either by the ſtrength of nature do ſtrongly reſiſt the bad impreſſions it ſets upon ſeveral parts of the body, or by the peculiarity of nature it is leſs offenſive and hurtful to ſome, or brings ſome particular benefit (amongſt its many ill properties) that maketh it ſeemingly good, yet inſenſibly, and by time, it damageth all; and thoſe few good effects in ſome few perſons are not of validity to give it a general approbation and uſe, and free it from the cenſure of a great procurer of the ſcurvy, but may juſtly be reckoned in the catalogue.

ADVERTISEMENT.

MR. Edward Sharpe, who liveth on St. Peter's Hill, in Stamford, Lincolnſhire, doth give judgment upon urine, or, as they vulgarly call it, caſting of the water: Or otherways, if they can give him the day of the month on which they were born, with the date of the year, without ſeeing or knowing them, he can tell their illneſs as well by that as by their urine. And he doth prepare medicines in order to cure them, if curable, if they be pleaſed to make uſe of him. The aforeſaid Mr. Edward Sharpe makes and prepares a medicine called Univerſal Purging Pills, the virtues of which are writ in Saunders's Almanack this preſent year 1770.

FINIS.

THE

Gentleman's Diary,

OR THE

MATHEMATICAL REPOSITORY;

An ALMANACK

For the YEAR of our LORD 1770.

BEING

The SECOND after BISSEXTILE, or LEAP-YEAR

Containing many useful and entertaining Particulars, peculiarly adapted to the ingenious Gentlemen engaged in the most delightful Study and Practice of the

MATHEMATICKS.

The Thirtieth *Almanack* published of this Kind;

and the Eighteenth of the NEW STYLE in ENGLAND

——— With wise Intent
The Hand of Nature on peculiar Minds
Imprints a diff'rent Byass, and to each
Decrees its Province in the common Toil.
To some she taught the Fabric of the Sphere,
The changeful Moon, the Circuit of the Stars,
The golden Zones of Heav'n: to some she gave
To weigh the Moment of eternal Things,
Of Time, and Space, and Fate's unbroken Chain,
And Will's quick Impulse. ——— AKENSIDE.

LONDON,

Printed for the Company of STATIONERS

M.DCC.LXX.

[Price Nine-pence stitch'd.]

ALL Perſons who pleaſe to be Contributors to this DIARY, by anſwering the *Queſtions*, *Enigmas*, &c. or by ſending *new ones*, or any other uſeful, entertaining and improving *Subjects* proper for this Work; are earneſtly deſired to ſend *them*, and their *Solutions at large along with them* (otherwiſe they need not expect their *Publication*) before the firſt Day of *May* 1770: Directed, for the *Author* of the *Gentleman's Diary*; and to be left with Mr. HENRY CROPPER, *Attorney at Law*, in *Loughborough*, who will forward them to the Author.

PROPOSALS

For MAKING, and PUBLISHING by SUBSCRIPTION,

A *new* and *accurate* MAP of the *County* of LEICESTER,

From an actual Survey of the ſame.

By THOMAS PEAT, of *Thringſton*, Surveyor, and Aſſiſtants.

In this *Map* will be particularly noted and planned all the Market Towns, with their true Diſtances, and all notable Villages thro' which any principal Roads do paſs. The Place and Diſtance of every Village will be truly aſcertained, and expreſſed. All the great Roads, and Turnpikes, will be taken and laid down from Chain Meaſure, as alſo the ſmaller from one Village to another, and a proper Diſtinction preſerved. The County will be truly bounded, and properly divided according to its ſeveral Hundreds. The *Foreſt Boundaries*, and thoſe of the large Commons, will be pointed out. The Courſe of all the Rivers and Rivulets, will be exactly deſcribed. The ſeveral *Seats* of the *Nobility* and *Gentry* will be truly fixed in this *Map*. All Places noted for Curioſities in Nature, as *Minerals*, &c. or for *Antiquities*, or any remarkable Occurrences, will be taken Notice of in ſuch Manner as to render it alſo a general View of the Natural Hiſtory of the COUNTY. Alſo the LATITUDE of every Market Town will be accurately determined, together with its LONGITUDE from the Meridian of LONDON, &c.

CONDITIONS.

This Work will be Engraved by the beſt Hands; and decorated with the Arms of ſuch of the *Nobility* and *Gentry*, as chooſe to have them emblaſon'd; and other proper Embelliſhments, ſo as to render the Whole as compleat as any Thing of the Kind.

The Scale is propoſed to be one Statute Mile in an Inch.

The Price to Subſcribers will be Half a Guinea; Five Shillings to be paid in the Courſe of the Survey, and the Remainder on Delivery of the Map; except thoſe who have their *Arms* in the Margin; who are to pay Half a Guinea at Subſcribing, and Half a Guinea more on the Delivery.

The Work will be carried on with all convenient Expedition, provided the Projectors meet with a proper Encouragement, adequate to ſo large an Undertaking; and whoever will be ſo kind, are deſired only to ſend their Names to Mr. JOHN GREGORY, Printer, in Leiceſter, as no Subſcription Money will be required, before a proper Judgment can be formed.

N.B. Lands ſurvey'd, divided, and incloſed; and Maps of the ſame correctly delineated; alſo Timber valued, Houſes, and other Buildings, deſigned, drawn, ſurveyed, and eſtimated, by the ſaid THOMAS PEAT, late of Nottingham, now of Thringſton, in the County of Leiceſter.

All Letters are deſired to be ſent Poſt paid.

JANUARY hath xxxi Days.

							M D	☉ Decl South.	
First Quarter the 5th							1	23°	1
☽ ☽ Moon the 11th							6	22	2
Last Quarter the 18th							11	21	4
New Moon the 26th							16	20	5
							21	19	5
							26	18	2

Day at: 1 in the Morn. 5 at Night. a qu. past 5 at Night. 48 m. past 10 at Night.

21	1	M	Circumcision, or New Year's Day.	8 A 58	3 A 1
22	2	Tu	Day 7 hours and 53 min. long, be	10 6	3 58
23	3	W	ing now increased, and nights	11 18	4 42
24	4	Th	shortened, a quarter of an hour.	Morn.	5 28
25	5	F	Old Christmas Day.	0 33	6 1
26	6	S	Epiph. CHRIST'S ☆ app. to Gent.	1 49	7 10
27	7	G	1 Sunday after Epiphany.	3 7	8 6
28	8	M	Lucian, Priest, and M.	4 24	9 6
29	9	Tu	*Canterbury.*	5 35	10 8
30	10	W	Day 8 hours 10 m. long.	6 36	11 13
31	11	Th	Night 15 hours 50 m. long.	Rises	Morn
1	12	F	Old New Year's Day.	5 A 37	0 12
2	13	S	Hilary, Bish. and Con.	7 1	1 10
3	14	G	2 Sunday after Epiphany	8 22	2 4
4	15	M	*Preston*, Lanc.	9 39	2 55
5	16	Tu	*Hickford*, Lanc.	10 53	3 42
6	17	W	*Tavistock*, Devonsh.	Morn	4 2
7	18	Th	Queen CHAR. Birth-day kept.	0 5	5 14
8	19	F	*Nottingham*, for all sorts of Cattle.	1 15	5 58
9	20	S	In eight Days of St. Hilary.	2 21	6 45
10	21	G	3 Sunday after Epiphany.	3 25	7 32
11	22	M	Vint. Span. Deat. Mart.	4 21	8 22
12	23	Tu	Term begins.	5 11	9 11
13	24	W	*Derby.*	5 53	9 5[illegible]
14	25	Th	Conversion of St. Paul.	6 27	10 46
15	26	F	Days increased 1 hour.	Sets	11 32
16	27	S	From the Day of St. Hil. in 15 D.	5 A 28	0 A 18
17	28	G	Sunday after Epiphany.	6 38	1 4
18	29	M	*Grampound*, Cornwall.	7 48	1 48
19	30	Tu	K. CHAR. I. Mart. at *Whitehall*,	8 59	2 32
0	31	W	1649.	10 12	3 17

M D	☉ Rises	☉ Sets	♄ S s	♃ Rises	♂ R e	♀ Ri e	D Break	Cl. bef. ☉
1	8h 4	3 56	1 M 10	5 M. 8	6 M 1	6 M 28	5 59	4′ 15″
6	8 0	4 0	0 56	5 32	6 [illegible]	6 37	5 57	5 31
11	7 55	4 5	0 3[illegible]	5 12	6 [illegible]	6 4[illegible]	5 5[illegible]	8 36
16	7 50	4 10	0 1	4 53	0 [illegible]	6 50	5 4[illegible]	0 2[illegible]
21	7 43	4 17	11 N 48	4 36	6 [illegible]	6 5[illegible]	5 4[illegible]	1 58
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3 1[illegible]

FEBRUARY hath xxviii Days.

First Quarter the 3d
Full Moon the 10 h
Laſt Quarter the 17th
New Moon the 25th
} Day at {
10 m. before Noon.
58 m. paſt 3 Morning.
38 m. paſt Noon.
half paſt 3 Afternoon.

M D	☉ Decl. South.	
1	17°	1′
6	15	32
11	13	56
16	12	14
21	10	2
26	8	16

☽	N S	W D	Sundays, Holy and remark. Days, Length, Inc. and Dec. Terms, Fairs,	☽ Riſes & Sets	Moon South
1		1	*Bromley*, Lanc. *Keating*, Berks. (*Faſt*)	11 A27	4 A 5
2			Purif. Bleſ. Vir. Mary. Cand. D.	Morn.	4 56
3		S	On the Mor. of the Purif. B. V. M.	43	5 50
4		G	5 Sunday after Epiphany.	59	6 47
5		M	Agatha Sicilian V. and M.	3 10	7 46
6		Tu	Day 9 hours and an half, and	4 17	8 45
7		W	Nights 14 hours an half long.	5 6	9 48
8		Th	Twilight continues 2 hours.	5 47	10 46
9		F	In 8 Days of the Purif. B. V. M.	Riſes.	11 42
10		S	Days increaſed 2 hours.	5 A46	Morn.
11		G	Septuageſima Sunday.	7 6	0 35
12		M	Term Ends.	8 25	1 26
13		Tu	Old Candlemas Day.	9 40	2 15
14		W	Valentine, Biſh. and Mart.	10 51	3 3
15		Th	Days are now 10 H. and 4 m.	Morn.	3 49
16		F	long, being increaſed 2 hours 26m.	0 2	4 37
17		S	and nights ſhortened as much.	1 8	5 23
18		G	Sexageſima Sunday.	2 8	6 15
19		M	*Might we pretend to tell the weather:*	3 2	7 3
20		Tu	*Beverley*, Yorkſh.	3 43	7 51
21		W	*Norton*, Oxfordſhire.	4 24	8 40
22		Th	*Godalming*, Surrey. (*Faſt*)	4 56	9 26
23		F	*Or fair, or foul, we know not whether*	5 22	10 1
24		S	St. Matthias. A. & M.	5 45	10 58
25		G	Quinquageſ. or Shrove Sund.	Sets.	11 43
26		M	*Ourdle*, Northamptonſhire.	6 A47	0 A 0
27		Tu	Shrove Tueſday.	8 42	1 16
28		W	Aſh-Wedneſday. First Day of Lent.	9 16	2 5

D	☉ Riſes	☉ Sets	♄ Sets	☽ Riſes	♂ Riſes	♀ Riſes	☽ Break	Cl. ☉
1	7 26	4 35	10 N55	4 M 2	5 M47	6 M 5	5 30	14 11
6	7 16	4 44	10 34	3 45	5 40	6 53	5 22	14 38
11	7 8	4 54	10 12	3 28	5 34	6 47	5 14	14 46
16	6 59	5 2	9 52	3 13	5 30	6 43	5 6	14 56
21	6 49	5 12	9 30	2 56	5 21	6 37	4 57	14 5

MARCH hath xxxi Days.

First Quarter the 4th	Day at	22 m. past 8 at Night.				
Full Moon the 11th		44 m. past 3 in Aftern.				
Last Quarter the 19th		22 m. past 9 in Morn.				
New Moon the 27th		26 m. past 5 the Morn.				

D	☉ Dec. South.
1	7° 29
6	5 33
11	3 36
16	1 38
[illegible]	[illegible] 27
26	2 19

18	1	Th	David, Abp. Menev.	10 A 34	2 A 54
19	2	F	Cedde, or Chad. B. Litch.	11 49	3 47
20	3	S	Days are now 11 h. 3 m. long.	Morn.	4 43
21	4	G	Quadragesima. 1st Sun. in Lent.	1 1	5 4
22	5	M	Prs. of Hesse b. 1722.	2 7	6 40
23	6	Tu	*Epping*, Essex. *Rochford*, Essex.	3 3	7 39
24	7	W	Ember Week. *Nottingham*.	3 47	8 38
25	8	Th	Days are now increased, and nights	4 21	9 33
26	9	F	shortened, 3 hours and 3 quarters.	4 51	10 27
27	10	S	*Weathermong*. are often proved *lyars*.	5 15	11 18
28	11	G	2d Sunday in Lent.	Rises.	Morn.
M	12	M	Greg. M. B. of R. and C.	7 18	0 [illegible]
2	13	Tu	Days 11 hours 42 min. long.	8 34	0 56
3	14	W	*Brimwelbanks*, Norf.	9 48	1 [illegible]
4	15	Th	*Oakham* Rutl. *Oswestry*, Shrop.	10 56	2 33
5	16	F	*Pensance*, Cornwall.	11 59	3 23
6	17	S	*Hariff*, Hunt. *Malmesbury*, Wilts.	Morn.	4 12
7	18	G	3d Sunday in Lent.	0 56	5 2
8	19	M	*Loughborough*, Leicest.	1 4	5 49
9	20	T	*Dolton*, Dev. *Durham*. *Ruthin*, Den.	2 27	6 38
10	21	W	Benedict. Abbot. *Downes*, Devon.	3 2	7 27
11		Th	Equal day and night, in all the	3 30	8 12
12	23	F	habitable parts of the globe.	3 54	8 50
13	24	S	*Llanerchemith*, Caerm. (*Fast*)	4 16	9 41
14	25	G	Midlent Sunday, An. B. V. Mary.	4 37	10 30
15	26	M	*Gloucester*, St. *Albans*, Hertfordsh.	Sets.	11 14
16	27	Tu	*Atherstone*, Warw. *Woodbridge*, Suff	7 A 5	0 A 6
17	28	W	*Cobham*, Surrey., *Patrington*, Yorks.	8 25	0 56
18	29	Th	*Preston*, Lanc. *Stourbridge*, Worc.	9 48	1 50
19	30	F	Day increased 5 hours and 4 m.	10 58	2 46
20	31	S	*Midhurst*, Suss. *Derby*. *Northmore*.	Morn	3 44

M D	☉ Rises	☉ Sets	♄ Sets	♃ Rises	♂ Rises	♀ Rises	D Break	Cl. bef. ☉
1	6 34	5 27	9 N 0	2 M 33	5 M 10	6 M 30	4 44	12′ 44″
6	6 24	5 37	8 40	2 17	5 2	6 23	4 32	11 38
11	6 14	5 47	8 22	2 1	4 54	6 15	4 21	10 21
16	6 4	5 57	8 2	1 44	4 48	6 10	4 11	8 55
21	5 54	6 7	7 45	1 28	4 36	6 0	4 0	7 24
26	5 44	6 16	7 27	1 13	4 27	5 52	3 48	5 30

APRIL hath xxx Days.

	M D	☉ D. North
	1	4° 39
	6	6 33
	11	8 25
	16	10 13
	21	11 57
	26	13 36

First Quarter the 3d
Full Moon the 10 h
Laſt Quarter the 18th
New Moon the 25th
} Day at {
25 m. paſt 3 Morn.
28 m. paſt 4 Morn.
8 m. paſt 5 Morn.
44 m. paſt 4 Afternoon.

21	1	G	5 Sund. in Lent.	0M	7	4A43
22	2	M	*Saliſbury*, Wilts. *Lutterworth*, Leic.	1	2	5 43
23	3	Tu	Richard, Biſhop of Chicheſter.	1	52	6 41
24	4	W	Saint Ambroſe, B, of Mil.	2	31	7 36
25	5	Th	Old Lady-Day. *Doncaſter*, *Hunt.*	3	1	8 29
26	6	F	*Epping*, Eſſex. *Rochford*, Eſſex.	3	27	9 19
27	7	S	*Etherſtone*, Warwickſhire.	3	50	10 8
28	8	G	Palm Sunday.	4	11	10 55
29	9	M	Day 13 hours and an half, and	4	33	11 45
30	10	Tu	Nights 10 hours and an half long.	Riſes.		Morn.
31	11	W	*Newport-Pagnel*, Bucks.	8	45	0 33
A	12	Th	*Nottingham.*	9	52	1 22
2	13	F	Good Friday.	10	53	2 11
3	14	S	Days increaſed 6 hours 2 min.	11	45	3 1
4	15	G	Eaſter-Day.	Morn.		3 50
5	16	M	Eaſter Monday.	0	31	4 39
6	17	Tu	Eaſter Tuesday.	1	7	5 27
7	18	W	*Malmſbury*, Wilts.	1	37	6 12
8	19	Th	Alphage, Archbiſhop of Cant.	2	3	6 58
9	20	F	*Worceſter. Cank*, Staff. *Norſe*, Dev.	2	25	7 43
10	21	S	*Modbury*, Dev. *Romney*, Kent.	2	47	8 30
11	22	G	Low-Sunday.	3	4	9 14
12	23	M	St. George, Martyr.	3	28	10 0
13	24	Tu	*Lincoln*, *Cirencester*, G. *Aberforth*, Y.	3	50	10 49
14	25	W	St. Mark, Evang.	Sets.		11 39
15	26	Th	*Loughborough*, Leic. *Norton*, Oxf.	8	A46	0A 41
16	27	F	*Boroughbridge*, Yorkſhire.	10	2	1 41
17	28	S	*Oham*, Camb. *Aberforth*, Y.	11	8	2 42
18	29	G	2d Sunday after Eaſter (1 Ret.)	11	57	3 43
19	30	M	From the Day of Eaſter in 15 Days.	Morn.		4 42

		☉ Riſes	☉ Sets.	☽ Sets.	♈ Riſes	♂ Riſes	♃ Sets.	D Break	C. bet.
1	5	33 6	28	3M 6	0M52	4M16	6 N30	3 33	3 59
6	5	23 6	38	2 48	0 34	4 8	6 48	3 20	2 30
11	5	23 6	48	2 30	0 15	3 56	7 4	3 6	3 3
16	5	4 6	57	2 12	11 N56	3 43	7 20	2 54	0 A16
21	4	54 7	7	1 55	11 37	3 28	7 36	2 40	1 23
26	4	46 7	16	1 34	11 18	3 10	7 52	2 22	2 [illegible]

M A Y hath xxxi Days

M D	☉ Decl North
1	5° 10
6	6 37
11	7 57
16	9 0
21	10 15
26	11 11

First Quarter the 2d
Full Moon the 9th
Laſt Quarter the 17th
New Moon the 25th
First Quarter the 31ſt
} Day at {
36 min. paſt 9 Morn.
25 min. paſt 6 Aftern.
14 min. paſt 10 at Night.
34 min. paſt Midnight.
11 m. paſt 4 Aftern.

20	1	Tu	St. Philip and Jacob. May-Day	0M38	5 A38	
21	2	W	Term begins.	1 10	6 31	
22	3	Th	Invention of the Croſs.	1 37	7 22	
23	4	F	*Boſton*, Linc. *Tamworth*, Staff.	2 1	8 11	
24	5	S	*Monmouth. Lowth*, Lin.	2 21	8 57	
25	6	G	3d Sunday after Eaſter. (2Ret.	2 43	9 41	
26	7	M	From the Day of Eaſter in 3 weeks.	3 4	10 3	
27	8	Tu	*Philip-Norton*, Som.	3 29	11 1	
28	9	W	*Boſworth*, Leic. *Tokington*, Glouc	Riſes.	Morn.	
29	10	Th	*Fringe*. Norf. *Lutterworth*, Leic.	8 A46	0 9	
30	11	F	*Dunſtable*, Bedf. *Stanes*, Midd.	9 43	0 58	
31	12	S	Old May Day. *Leiceſter. Lichfield* C.	10 29	1 47	
2	13	G	4th Sunday after Eaſt. (3Ret.	11 9	2 38	
3	14	M	From the Day of Eaſter in 1 month.	11 41	3 24	
4	15	Tu	*Bakewell*, Derb. *Chatham*, Kent	Morn.	4 9	
5	16	W	*Caerwilly*, Caerm. *Cargurly*, Flintſ.	0 9	4 56	
6	17	Th	*Brentford*, Midd. *Holbeach*, Linc.	0 32	5 42	
7	18	F	*Hatſbury*, Bucks. *Llanfair*, Mont.	0 52	6 24	
8	19	S	Qu. Charlotte born, 1744.	1 12	7 8	
9	20	G	5 Sund. after Eaſter. Rogat. Sund.	1 32	7 53	
10	21	M	From the D. of E. in 5 W. 4 Ret.	1 53	8 41	
11	22	Tu	*Abbots-Bromley*, Staff. *Greenſt*. Eſſ.	2 17	9 30	
12	23	W	Rogation Week. *Dorcheſter*.	2 45	10 25	
13	24	Th	Holy Thurſday. *Bath*, Som.	3 22	11 21	
14	25	F	On the Morrow of the Aſc. 5 Ret.	Sets.	0A 27	
15	26	S	Aug. firſt Abp. Cant.	9 A49	1 30	
16	27	G	6th Sunday after Eaſter.	10 35	2 32	
17	28	M	Term End.	11 11	3 31	
18	29	Tu	K. Chas. II. Birth and Return.	11 40	4 26	
19	30	W	*Rocheſter*, Kent. *Worksop*, Nott.	Morn.	5 18	
20	31	Th	Days increaſed 8 hours and half.	0 5	6 8	

M D	☉ Riſes	☉ Sets	☽ Sets	☽ South	♂ Ri.	♀ Sets	D Break	Clatt. ☉
1	4 36	7 25	1M17	2M56	3M 9	8 N15	2 6	3 8″
6	4 26	7 35	1 0	2 34	2 53	8 30	1 48	3 42
11	4 20	7 41	0 44	2 15	2 43	8 42	1 28	3 58
16	4 12	7 48	0 22	1 52	2 27	8 57	1 5	4 2
21	4 5	7 55	0 4	1 30	2 16	9 10	0 32	3 51
26	3 59	8 1	11N45	1 8	2 4	9 26	nonight	3 27

JUNE hath xxx Days.

					☉ Decl. North.
Full Moon	the 8th	Day at	22 m. past 9 Morn.	1	22° 7
Last Quarter	the 16th		16 m. past Noon.	6	[illegible] 42
New Moon	the 23d		28 m. past 8 Morn.	11	23 8
First Quarter	the 30th		24 m. past Midnight.	16	[illegible] 24
				21	23 29
				26	23 24

21	1	F	Nicom. Rom. Pr. and Mar.	0 M 27	6 A 54
22	2	S	*Daventry*, North. *Market-Jew*, Ger.	0 49	7 42
23	3	G	Whit Sunday.	1 9	8 28
24	4	M	Monday, K. Geo. III. b. 1738.	1 32	9 15
25	5	Tu	Tuesday.	1 57	10 3
26	6	W	Ember Week.	2 28	10 52
27	7	Th	*Montgomery*, *Stow-in-Guillam*, Suss.	3 5	11 40
28	8	F	*St. Germains*, Cornwall.	Rises.	Morn
29	9	S	*Haddesfield*, Suss.	9 A 5	0 30
30	10	G	Trin. Sun. Prs. Am. Soph. b. 1711.	9 4	1 18
31	11	M	St. Barnabas, A. & M. Craft. Trim.	10 8	2 4
[illegible]	12	T	*Bartlow*, Ess. *Hadlow*, K. (1 Ret.	10 35	2 [illegible]
2	13	W	*Kidderm.* Worc. *Llanerchemith*, Ant.	[illegible] 5[illegible]	3 33
3	14	Th	*Bangor*, Carnarvan.	11 13	4 16
4	15	F	Term begins. *Royston*, Somersetsh.	11 32	5 0
5	16	S	*Milborn Port*, Som. *Wrexham*, Den.	11 52	5 43
6	17	G	1st Sunday after Trinity.	Morn.	6 28
7	18	M	In 8 Days of the H. Tr. 2 Ret.	0 12	7 16
8	19	Tu	*Ingleton*, York.	[illegible] 39	8 6
9	20	W	Transl. of Edw. K. of West. Sax.	[illegible] 10	9 0
10	21	Th	*Highbeach*, Essex. *Newborough*, La.	1 50	10 0
11	22	F	*Boroughbridge*, Y. *Leek*, Staff.	2 42	11 3
12	23	S	*Folkingham*, Linc. (*Fast.*	Sets.	0 A 9
13	24	G	2 S. aft. Tr. Nat. S. John Bapt.	9 A 3	1 10
14	25	M	From the D.H.T. in 15 D. 3 Ret.	9 37	2 9
15	26	Tu	*Chapel Silvas*, Kent. *Penshore*, Wor.	10 3	3 4
16	27	W	*Boston*, Lin. *Burton*, Staff. *Bail*, Br.	10 31	3 57
17	28	Th	*Higham Ferrers*, Northamp. (*Fast.*	10 48	4 47
18	29	F	St. Peter, Ap. & M.	11 9	5 35
19	30	S	*Bridgenorth*, Shropshire.	11 32	6 20

A D	☉ Rise	☉ Set.	♄ Sets	♃ South	♂ Rises	♀ Sets		Cl. aft. ☉
1	3 53	8 7	11 N 25	0 M 40	1 M 47	9 N 37	No real	2' 43"
6	3 49	8 11	11 5	0 18	1 30	9 47	Night;	1 54
11	3 47	8 13	10 47	11 N 56	1 18	9 52	but all	0 57
16	3 45	8 15	10 30	11 32	1 11	9 50	Twi-	0 bef. 4
21	3 43	8 17	10 13	11 8	0 48	9 50	light.	1 8
26	3 44	8 16	9 50	10 45	0 36	9 50		2 12

JULY [illegible] Days.

Full Moon the 8th	Day at	11 m. past Midnight.	1	23°	9
Last Quarter the 15th		11 at Night.	6	22	43
New Moon the 22d		27 m. past 3 Aftern.	11	22	8
First Quarter the 29th		Half before Noon.	16	21	23
			21	20	30
			26	19	27

20	1	G	3 Sunday after Trinity.	11 A	51	7 A	8
21	2	M	From the D. of H. T. in 3 W. 4 Ret.	Morn.		7	57
22	3	Tu	*Dereham*, Norf. *Shrewsbury*.	0	26	8	44
23	4	W	Term Ends. *Lancaster*.	1	0	9	33
24	5	Th	Old Midsummer Day. *Leicester*.	1	39	10	21
25	6	F	*Liverpool*, Lan. *Winborn*, Dorset.	2	30	11	8
26	7	S.	Tho. à Becket. *Chipping-Norton*. O.	Rises		11	57
27	8	G	4 Sunday after Trinity.	8 A	8	Morn.	
28	9	M	*Bromley*, Devonshire.	8	32	0	43
29	10	Tu	*Mansfield*, Not. *Bolton*, Lanc.	8	55	1	27
30	11	W	*Peterborough*, Northamp.	9	15	2	11
Ju	12	Th	*Canterbury*, Kent. *Carshalton*, Surr.	9	34	2	53
2	13	F	*Huntingdon*. *Woburn*, Bedf.	9	58	3	36
3	14	S	Days decr. 24 min.	10	13	4	20
4	15	G	5 Sunday after Trinity.	10	36	5	5
5	16	M	*Winchester*, Hamp. *Woodhurst*, Dor.	11	3	5	52
6	17	T	*Belt*, Breck. *Leek*, Staff.	11	38	6	42
7	18	W	*Exeter*, Devon. *Denbigh*. *Athers*. W.	Morn.		7	39
8	19	Th	*Kenninghall*, Norfolk.	0	22	8	38
9	20	F	Margaret V. and M. Antioch.	1	20	9	39
10	21	S	*Foulness*, Kent, *Swaffham*, Norf.	2	31	10	41
11	22	G	6 Sun. after Trin. Q. of Den. b.	Rises		11	43
12	23	M	*Daventry*, Northamp.	7 A	59	0 A	45
13	24	Tu	*Faringhay*, Kent. (Past.	8	30	1	41
14	25	W	St. JAMES Ap. and Mar.	8	48	2	32
15	26	Th	St. Anne, Mother to the B. V. M.	9	12	3	23
16	27	F	*Headon*, Y. *Milson*, W. *Portsdown*, H.	9	34	4	13
17	28	S	*Emlin*, Worc. *Winchcomb*, Glouc.	9	59	5	1
18	29	G	7 Sunday after Trinity.	10	26	5	49
19	30	M	*Caerlton*, Monm. *Linton*, Camb.	10	58	6	38
20	31	Tu	Dog-Days begin. *Honiton*, Devon	11	37	7	27

MD	☉ Rises		☉ Sets		♄ Sets		♃ So.		♂ Rises		♀ Sets		D Break		Cl. bef ☉	
1	3	46	8	14	9	N30	10 N	21	0 M	20	9	N45			3′	13″
6	3	49	8	11	9	9	9	58	0	8	9	38	No		4	7
11	3	53	8	7	8	50	9	35	11 N	52	9	31	real		4	52
16	3	58	8	2	8	32	9	14	11	40	9	25	Night.		5	28
21	4	4	7	56	8	11	8	52	11	26	9	18			5	49
26	4	11	7	49	7	57	8	34	11	18	9	10	0	53	5	57

AUGUST hath 31 Days.

M D	☉ Decl. North.
1	18° 2
6	16 42
11	15 16
16	13 44
21	12 6
26	10 23

Full Moon the 6th
Last Quarter the 14th
New Moon the 20th
First Quarter the 28th
} Day at { 18 m. past 3 Afternoon. / 8 in the Morning. / 49 m. past 10 at Night. / 26 m. past 2 Morn.

				Morn.			
2	1	W	Lammas-Day. *Bath* City.			8 A	26
22	2	Th	*Winchester*, Hamp. *Northwich*, Ch.	0	24	9	5
23	3	F	*Carnarvon*. *Daventry*. *Redruth*.	1	17	9	53
24	4	S	*Epsom*, Surrey. *Ravenglass*, Cumb.	2	15	10	39
25	5	G	8 Sunday after Trinity.	3	17	11	25
26	6	M	Transfig. of our Lord.	Rises		Morn.	
27	7	Tu	Name of Jesus.	7 A	21	0	10
28	8	W	*Farfut*, Cornw. *Ruthin*, Denb.	7	41	0	52
29	9	Th	*Llanwrst*, Denb. *Shirkin*, Midd.	8	0	1	36
30	10	F	St. Laurence, Arch D. of R. & M.	8	21	2	20
31	11	S	Prs. of Brunswick born, 1737.	8	45	3	4
A	12	G	9 Sun. af. Trin. Pr. of W. b. 1702.	9	8	3	51
2	13	M	*Northampton*. *St. Eades*, Hertf.	9	40	4	40
3	14	Tu	*Stow*, Suffolk.	10	20	5	32
4	15	W	*Bakewell*, Derb. *Preston*, Lanc.	11	10	6	27
5	16	Th	Pr. Frederick born, 1763.	Morn.		7	27
6	17	F	*Bradney*, Hampsh.	0	13	8	27
7	18	S	Days decreased 2 h. 10 m.	1	26	9	28
8	19	G	10 Sunday after Trinity.	2	47	10	27
9	20	M	Day 14 h. 16 m. long.	4	8	11	26
10	21	Tu	Prince Will. Hen. born, 1765.	Sets		0 A	22
11	22	W	*Bracknell*, Berks. *Penkridge*, Staff.	7 A	18	1	15
12	23	Th	*Belford*, North. *Dinton*, Oxf. (*Fast.*	7	40	2	5
13	24	F	St. Bartholo. Ap. and M.	8	5	2	56
14	25	S	*Llanerchemith*, Angl. *Morelidge*, So.	8	32	3	47
15	26	G	11 Sunday after Trinity.	9	4	4	36
16	27	M	*Coventry* City, *Gisborough*, Yorksh.	9	42	5	26
17	28	Tu	St Au. B. of Hip. C. D.	10	26	6	16
18	29	W	Beheading of John Bapt.	11	13	7	5
19	30	Th	*Barnham*, S. for Sheep and Lambs.	Morn.		7	54
20	31	F	Day 13 hours 34 min long.	0	13	8	40

M D	☉ Rises	☉ Sets	☽ Rise	☿ Sets.	♂ Rises	♀ Sets	D Break	Cl. bef. ☉
1	4 19	7 41	4 M 0	0 M 9	11 N 2	8 N 54	1 23	5 49″
6	4 27	7 32	3 43	11 N 49	10 51	8 45	1 44	5 23
11	4 35	7 24	3 27	11 30	10 39	8 35	2 1	4 44
16	4 44	7 15	3 13	11 10	10 28	8 30	2 20	3 52
21	4 53	7 6	3 1	10 48	10 19	8 26	2 35	2 44
26	5 2	6 57	2 45	10 44	10 8	8 16	2 56	1 27

SEPTEMBER hath xxx Days,

M D	☉ Dec North
1	8° 1
6	6 2
11	4 3
16	2 3
21	0 3
26	1 S. 1

Full Moon the 5th
Last Quarter the 12th
New Moon the 19th
First Quarter the 26th
} Day at {
6 m. past 6 Morn.
half past 3 Afternoon.
4 m. before 8 Morn.
34 m. past 8 at Night.

21	1	S	Giles, Abbot and Conf.	1	M	15	9	A.
22	2	G	12 Sunday after Trinity.	2		19	10	1
23	3	M	*Brecknock*, and five following Days.	3		24	10	5
24	4	Tu	*Bartholomew*, L. *Ashby-de-la-zouch.*	4		31	11	4
25	5	W	*Chipping Norton*, Ox. *Kilnotten*, Co.	Rises			Morn.	
26	6	Th	*Folkingham*, Linc.	6	A	26	0	2
27	7	F	Dog Days end. Enurthus B. of Or.	6		56	1	
28	8	S	Nativity of B. V. Mary.	7		23	1	5
29	9	G	13 Sunday after Trinity.	7		52	2	4
30	10	M	Days decreased 3 h. 38 m.	8		28	3	2
31	11	Tu	*Tallowdown*, Dorsetshire.	9		12	4	3
Se	12	W	*Brentford*, Mid. *Whitehaven*, Cumb.	10		12	5	2
2	13	Th	Lond. b. 1666. *Tiddeswell*, Derb.	11		19	6	2
3	14	F	Holy Cross. *Woburn*, Bedf.	Morn.			7	2
4	15	S	City of *Durham.*	0		33	8	2
5	16	G	14 Sunday after Trinity.	1		55	9	2
6	17	M	Lambert, Bish. and Mar.	3		17	10	1
7	18	Tu	*Southwrk. Stirbitch*, Camb.	4		38	11	
8	19	W	Ember Week. *Northampton.*	Sets			0	A
9	20	Th	*Gisborough*, Y. *Manchester.* (*Fast.*	6	A	14	0	5
10	21	F	St. MATTHEW, Ev. *Buckingham.*	6		41	1	4
11	22	S	K. GEO. III. and Qu. CHARL. Cr.	7		13	2	3
12	23	G	15 Sunday after Trinity.	7		48	3	2
13	24	M	*Chesshunt*, Hert. *Wickware*, Glou.	8		20	4	1
14	25	Tu	*Chesterfield*, Derb. *Denbigh.*	9		18	5	
15	26	W	St. Cyprian, Archb. of Carth. & M.	10		8	5	5
16	27	Th	*Derby*, lasts three Days. *Jer. Roe.*	11		12	6	4
17	28	F	*Gloucester*, *Tuxford*, Nott.	Morn.			7	3
18	29	S	St. MICHAEL. Prs. ROYAL born	0		15	8	1
19	30	G	16 Sunday after Trinity.	1		20	9	

M	D	☉ Rises	☉ Sets	☽ Rises	☿ Set	♂ Ris	♀ Sets	Dureak	Cl. aft. ☉
1	5	24	6 45	2 23	10N 15	9 N 59	7 N 52	3 7	0 19
6	5	23	6 36	2 11	9 58	9 47	7 41	3 21	1 55
11	5	33	6 26	1 57	9 42	9 38	7 36	3 34	3 35
16	5	43	6 16	1 41	9 26	9 28	7 28	3 44	5 21
21	5	53	6 6	1 26	9 10	9 18	7 20	3 56	7 6
26	6	4	5 56	1 10	8 52	9 8	7 8	4 7	8 47

OCTOBER hath xxxi Days.

				M D	☉ Decl. South.
Full Moon the 4th	Day at	20 m. past 8 at Night.		1	3° 16
Last Quarter the 11th		20 m. past 10 at Night.		6	5 [illegible]
New Moon the 18th		41 m. past 7 at Night.		11	7 7
First Quarter the 26th		46 m. past 4 Afternoon.		16	8 [illegible]
				21	10 48
				26	12 33

20	1	M	Rem B of Rhemes.	2 M 26	9 A 45
21	2	Tu	*Nott.* lasts 8 d. for Cheese, Hops, &c.	3 35	10 29
22	3	W	*Aberforth*, Y. *Bridgewater*, Som.	4 42	11 14
23	4	Th	*Penkridge*, Staff.	Rises	Morn.
24	5	F	*Llanvilling*, Montg. *Lamport*, Som.	5 A 36	0 2
25	6	S	Faith, V. and M. *Hull*, Yorksh.	6 3	0 50
26	7	G	17 Sunday after Trinity.	6 39	1 40
	8	M	*Abingdon*, Berks; *Challock*, Kent.	7 22	2 3[illegible]
28	9	Tu	St. Denys, Areop, B. and M.	8 16	3 33
29	10	W	Old Mich. Day. *Birmingham*, War.	9 20	4 31
30	11	Th	*Lancaster*, *Leicester*, *St. Alban's*.	10 32	5 29
O	12	F	*Banbury*, Ox. *Salisbury*, Wilts.	11 49	6 26
2	13	S	Translat. of K. Ed. *Devizes*, Wilt.	Morn.	7 2
3	14	G	18 Sunday after Trinity.	1 7	8 14
4	15	M	*Falesly*, Warwickshire.	2 26	9 7
5	16	Tu	*Bosworth*, Leic. *Hay*, Breck.	3 45	9 57
6	17	W	Etheldred, Virg. *Sheffield*, Yorksh.	5 4	10 4[illegible]
7	18	Th	St. LUKE, Ev. *Cank*, St *Radnor*.	Sets	11 36
8	19	F	*Market-Harbro'*, Lei. *Oxford*. *Yarme*	5 A 18	0 A 30
9	20	S	*Ashborn*, Derb. *Blyth*, Not. *Hereford*.	5 51	0 2
10	21	G	19 Sunday after Trinity.	6 30	2 13
11	22	M	*Potton*, Bed. *Rudgley*, St. *Wells*, So.	7 17	3 4
12	23	Tu	*Gainsboro'*, Li. *Ripley*, D. *Stockport*, C.	8 9	3 55
13	24	W	*Tamworth*, Staff. *Windsor*, Berks.	9 8	4 44
14	25	Th	King GEORGE III. Inaug. } 1760	10 9	5 3[illegible]
15	26	F	King GEORGE III. Procl. } 1760	11 12	6 1[illegible]
16	27	S	*Appletreewick*, Yorksh. (*Fast.*	Morn.	7 9
17	28	G	20 Sun. after Trin. S. SIM. & JU.	0 17	7 4
18	29	M	*Burton*, St. *New-Castle-on-Tyne*.	1 23	8 2[illegible]
19	30	Tu	*Banbury*, Oxford. *Ely*, Camb.	2 30	9 1[illegible]
20	31	W	*Bridgnorth*, Shrop. *Devizes*. (*Fast.*	3 39	0 5[illegible]

M D	☉ Rises	☉ Sets	♄ Rises	♃ Sets	♂ Ris	♀ Sets	D. break	Cl. aft. ☉
1	6 12	5 4[illegible]	0 M 55	8 N 38	8 N 56	7 N 0	4 18	10' 26'
6	6 22	5 37	0 38	8 21	8 45	6 56	4 2[illegible]	11 55
11	6 32	5 2[illegible]	0 22	8 7	8 30	6 48	4 39	13 14
16	6 42	5 17	0 7	7 50	8 17	6 45	4 49	14 24
21	6 51	5 8	11 N 49	7 35	7 59	6 44	4 55	15 19
26	7 1	4 58	11 31	7 19	7 44	6 4	5 [illegible]	15 54

NOVEMBER hath xxx Days.

Full Moon the 3d	Day at	46 m. past 9 Morn.
Last Quarter the 10th		15 m. past 5 Morn.
New Moon the 17th		19 m. past 10 Morn.
First Quarter the 25th		7 min. past 1 After.

M D.	☉ Dec South.
1	14° 3
6	16
11	17 3
16	18 5
21	20
26	21

21	1	Th	All Saints. *Newark upon Trent.*	4 M	51	10 A	44
22	2	F	All Souls. *Coventry* City. Pr. Ed. b.	6	4	11	36
23	3	S	On the Mor. of all Souls. 1 Ret.	Rises		Morn.	
24	4	G	21 Sunday after Trinity.	5	21	0	29
26	5	M	Powder-Plot.	6	11	1	26
25	6	Tu	Term begins. *Newcastle*, Staff.	7	13	2	24
27	7	W	Duke of CUMBERL. born, 1745.	8	25	3	26
28	8	Th	*Bingham*, N. *Colch.* E. Pr. [illegible]	9	41	4	24
29	9	F	*Darlington*, Durh. *Stamford*, Linc	11	0	5	18
30	10	S	*Rochester*, Kent. *Ruthin*, Denb.	Morn		6	13
31	11	G	22 Sun. after Tr. S. Martin, B. & C.	0	17	7	5
N	12	M	On the Mor. of St. Martin. 2 Ret.	1	34	7	54
2	13	Tu	Britius Bishop. *York* City.	2	51	8	45
3	14	W	*Brecknock*, and five following Days.	4	6	9	31
4	15	Th	Machutus, B. *Andover*, Hamp.	5	19	10	20
5	16	F	*Gisborough*, Yorksh. *Welchpool*, Shr.	6	30	11	12
6	17	S	Hugh B. of Lin. *Launceston.*	Sets		0 A	5
7	18	G	23 Sunday after Trinity.	5 A	7	0	54
8	19	M	In 8 Days of Saint Martin. 3 Ret.	5	57	1	45
9	20	Tu	Edmund, K. & M.	6	54	2	33
10	21	W	*Garstang*, Lanc. *Lamport*, Som.	7	54	3	20
11	22	Th	Cecilia, Virg. and M. *Dover.*	8	56	4	7
12	23	F	St. Clement: I. B. of R. & M.	10	0	4	51
13	24	S	Days decreased 8 h. 12 min.	11	4	5	34
14	25	G	24 S. after Tr. D. of Geo b. 1743.	Morn.		6	16
15	26	M	From the D. of S. Mar. in 15 Da.	0	10	7	0
16	27	Tu	*Littlebury*, Essex.	1	17	7	44
17	28	W	Term Ends. *Sheffield*, Y. *T. Hare.*	2	25	8	28
18	29	Th	Day 8 h. 12 m. long. (*Fast.*	3	35	9	17
19	30	F	St. ANDR. Pr. Dow. WA. B. 1719.	4	47	10	9

M D	☉ Rises		☉ Sets		♄ Rise		♃ Sets		♂ S.		♀ Sets		D. break		Cl. aft. ☉	
1	7	12	4	47	11 N	0	7 N	2	3 M	43	6 N	40	5	17	15′	14″
6	7	21	4	38	10	46	6	46	3	24	6	43	5	24	16	8
11	7	29	4	30	10	33	6	30	3	4	6	45	5	32	15	43
16	7	37	4	22	10	12	6	13	2	40	6	47	5	37	14	54
21	7	45	4	15	9	51	5	57	2	13	6	49	5	43	13	45
[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	5	[illegible]	1	46	6	52	5	40	12	18

DECEMBER hath xxxi Days.

M	☉ Decl. South.
1	21° 54
6	22 34
11	23 4
16	23 22
21	23 29
26	23 24

Mean the 2d
Quar. the 9th
Mean the 17th
Quart. the 25th
} Day at {
55 m. past 9 at Night.
27 m. past 1 Aftern.
32 m. past 3 Morning.
9 m. past 8 Morning.

			☽ Rises	☽ Sets
1	S	*Rotherham*, York. *St. Edmund's B.*	5 M55	11 A 5
2	G	Advent Sunday.	Rises	Morn.
3	M	*Pennyfont*, Som.	4 51	0 4
4	Tu	*Bangor*, Carn. *Thurſk*, Yorkſh.	6 0	1 5
5	W	*Colford*, Glouc.	7 16	2 6
6	Th	Nicol, Biſhop of Myra in Lycia.	8 33	3 5
7	F	D. but 8 h. long, dec. 8 h. 38 m.	9 56	4 0
8	S	Concept. of the B. V. M.	11 16	4 52
9	G	2 Sunday in Advent.	Morn.	5 44
10	M	*Kimbolton*, Hunt. *Newport*, Shrop.	0 31	6 33
11	Tu	*Cubley*, Derb. *Torperley*, Cheſh.	1 46	7 21
12	W	*Bedal*, Yorkſh. *Shrewſbury*.	2 59	8 9
13	Th	Lucy, V. & M.	4 9	8 57
14	F	*Atherſton*, Warw. *Painceſtle*, Radn.	5 16	9 48
15	S	*Nantwich*, Cheſh.	6 20	10 37
16	G	3 Sunday in Advent.	7 16	11 28
17	M	*Exeter. Grantham*, Lin. *Hexham*, Y.	Sets	0 A18
18	Tu	*Spalding*, Lincolnſh.	5 A32	1 5
19	W	Ember Week.	6 33	1 51
20	Th	*Bedford. Northampton.* (*Faſt.*	7 37	2 36
21	F	St. THOMAS, Apoſtle.	8 39	3 20
22	S	*Newport-Keams*, Mont.	9 42	4 1
23	G	4 Sunday in Advent.	10 48	4 43
24	M	Gr. dec. of D. at Lon. 8h. 50′ (*Faſt.*	11 55	5 25
25	Tu	CHRISTMAS DAY.	Morn.	6 8
26	W	St. STEPHEN.	1 2	6 54
27	Th	St. JOHN, Ev.	2 13	7 43
28	F	Innocents.	3 25	8 36
29	S	*Cockhill*, Som.	4 36	9 32
30	G	1 Sunday after Chriſtmas.	5 46	10 32
31	M	Silveſter. B. of Rome.	6 49	11 34

	☉ Rises	☉ Sets	☽ Rises	☽ Sets	♂ S.	♀ Sets	Dbreak	Cl. aft. ☉
7	57	4 3	9 N16	5 N24	1 M28	0 N51	5 54	10′ 32″
8	1	3 59	8 49	5 6	0 48	6 45	5 56	8 28
8	6	3 54	8 21	4 50	0 70	6 36	5 58	6 14
8	7	3 53	8 4	4 33	11 N47	6 27	6 0	3 50
8	8	3 52	7 35	4 16	11 16	6 18	6 1	1 20
8	7	3 52	7 16	3 58	10 46	6 10	6 0	0b 51

A TABLE of all the KINGS and QUEENS of *England*, since the Conquest.

The Year of the Birth of each King and Queen; also the Year, Month, and Day, whereon they began to reign: beginning the Year the first Day of January, 1770.			The Length of each Reign.			The Years expired since each Reign ended.
Names.	Born.	Began to Reign.	Y.	M.	D.	since
William Conq.	1027	1066 October 14	20	10	26	683
William Rufus	1057	1087 Septem. 9	12	10	24	670
Henry I.	1068	1100 Auguſt 2	35	4	0	634
Stephen	1105	1135 Decem. 1	18	10	24	616
Henry II.	1132	1154 October 25	34	8	11	581
Richard I.	1156	1189 July 6	9	9	0	571
John	1166	1199 April 6	17	6	13	554
Henry III.	1207	1216 October 19	56	1	0	498
Edward I.	1239	1272 Novem. 16	34	7	21	463
Edward II.	1284	1307 July 7	19	6	13	443
Edward III.	1312	1327 January 20	50	5	1	393
Richard II.	1366	1377 June 21	22	3	8	371
Henry IV.	1367	1399 Septem. 29	13	5	21	357
Henry V.	1389	1413 March 20	9	5	11	348
Henry VI.	1421	1422 Auguſt 31	38	6	4	305
Edward IV.	1442	1461 March 4	22	1	5	287
Edward V.	1471	1483 April 9	0	2	13	287
Richard III.	1443	1483 June 22	2	2	0	285
Henry VII.	1457	1485 Auguſt 22	23	8	0	261
Henry VIII.	1492	1509 April 22	37	9	6	221
Edward VI.	1537	1547 January 28	6	5	8	217
Mary I.	1516	1553 July 6	5	4	11	211
Elizabeth	1533	1558 Novem. 17	44	4	7	167
James I.	1566	1603 March 24	22	0	3	142
Charles I.	1600	1625 March 27	23	10	3	122
Charles II.	1630	1649 January 30	36	0	7	81
James II.	1633	1685 February 6	4	0	7	81
William III.	1650	1689 Feb. 13	13	0	23	61
Mary II.	1662		5	10	15	71
Anne	1665	1702 March 8	12	4	24	51
George I.	1660	1714 Auguſt 1	12	10	10	41
George II.	1683	1727 June 11	33	4	3	11
George III.	1738	1760 October 25	whom God prefer			

A Compendious Table of Interest,

Shewing the Interest of any Sum of Money from a Million to a Pound; for any Number of Days, at any Rate of Interest.

N°	l.	s.	d.	q.	N°.	l.	s.	d.	q.
1000000	2739	14	6	0 ,99	1000	2	14	9	2 ,14
900000	2465	15	0	3 ,29	900	2	9	3	3 ,12
800000	2191	15	7	1 ,59	800	2	3	10	0 ,11
700000	1917	16	1	3 ,89	700	1	18	4	1 ,10
600000	1643	16	8	2 ,19	600	1	12	10	2 ,80
500000	1369	17	3	0 ,49	500	1	7	4	3 ,70
400000	1095	17	9	2 ,79	400	1	1	11	0 ,99
300000	821	18	4	1 ,09	300	0	16	5	1 ,40
200000	547	18	10	3 ,40	200	0	10	11	2 ,30
100000	273	19	5	1 ,70	100	0	5	5	3 ,10
90000	246	11	6	0 ,32	90	0	4	11	0 ,71
80000	219	5	6	0 ,96	80	0	4	4	2 ,42
70000	191	15	7	1 ,59	70	0	3	10	0 ,11
60000	164	7	8	0 ,22	60	0	3	3	1 ,81
50000	136	19	8	2 ,85	50	0	2	8	3 ,51
40000	109	11	9	1 ,48	40	0	2	2	1 ,21
30000	84	3	10	0 ,11	30	0	1	7	0 ,90
20000	54	15	10	2 ,74	20	0	1	1	0 ,60
10000	27	7	11	1 ,37	10	0	0	6	2 ,30
9000	24	13	1	3 ,23	9	0	0	5	3 ,07
8000	21	18	4	1 ,10	8	0	0	5	1 ,04
7000	19	3	6	2 ,96	7	0	0	4	2 ,41
6000	16	8	9	0 ,82	6	0	0	3	3 ,78
5000	13	13	11	2 ,58	5	0	0	3	1 ,15
4000	10	19	2	0 ,55	4	0	0	2	2 ,52
3000	8	4	4	0 ,41	3	0	0	1	3 ,89
2000	5	9	7	0 ,27	2	0	0	1	1 ,26
1000	2	14	9	2 ,14	1	0	0	0	2 ,63

RULE.

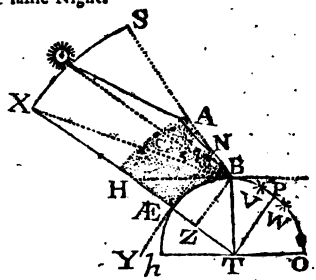
Multiply the Sum by the Number of Days; and that Product by the Rate per Cent. Then cut off the two last Figures to the Right Hand, and the rest you must find in the Table.

Example, What is the Interest of 100 l. for 365 Days at 5 per Cent.

			Then in the Table				
N°. of Days	365						
multiply by	100		against 100	2	14	9	2 ,14
Product	36500		80	2	3	10	0 ,11
multiply by	5	Rate p. Cent.	20	is 0	2	1	0 ,60
	182500		And against 5	0	0	1	1 ,15
			Ans.	5	0	0	0 ,00

Concluſion of the Rev. Mr. Smith's Letter to the Author.

§ 11. THE ſame Letters in the following, and his firſt Figure, repreſent the ſame Things; alſo P is the North Pole; T the Center of the Earth; T Æ Part of the Equator, continued to X the Equinoctial; Y N B H Tangents to, and ſenſible Horizons of the Places Æ, B; B C ⊙ parallel to T X: then ∠ ⊙ B H = Co-latitude of B = T H B = *b* T X by 29 E. 1. In the Beginning of *January*, 1764, I obſerved the Meridian Altitude of the North Pole Star, or Arch V O = 54° 17′ 0″; again 12 Hours after, W O = 50° 22′ 5″; and allowing 39″ and 45″ for the reſpective Refractions, half the Sum gives 52° 19′ 13″ = P O, the Height of the Pole, or B Æ, the Latitude of the Place B, which very nearly agrees with the two Meridian Obſervations upon the Star *Alioth* in the Great Bear, taken the ſame Night.



To the Co-latitude 37° 40″ 47″ = ∠ ⊙ B H add the Angle of Refraction ⊙ B S = 1′ 9″, gives 37° 41′ 56″ = ∠ S B H, the apparent Meridian Altitude of the Sun in our Latitude, when it is really at X in the Equinoctial, or Zenith of the Equatorian; for the Parallax X ⊙, or ∠ ⊙ B X*, ſubtracted out of the Sun's Altitude at ⊙, corrected by Refraction, gives ∠ X B H his true Altitude, and real Place at X, the inſtant he is vertical at the Equator; wherefore an Inhabitant of any Latitude can as eaſily obſerve the Sun in the Equinoctial, and preciſely at the ſame Time, as if he were at the Equator; notwithſtanding this Gentleman aſſures us it is an Impoſſibility.

As to his limited Concavity, it is a mere Fallacy, and admits of no Application to Aſtronomy that I know of.

§ 12. He has levelled this Objection againſt ſuch Obſervations only wherein Refraction was not conſidered; or rather, as if ſuch a Thing as Refraction was not known to any but himſelf; whereas every Obſerver knows of it, allows for it, and can plainly tell him, from what has been done, that the ∠ A B H or S B H is not the Height of the Equinoctial, but the apparent Altitude of the Sun; nor is the Angle C B H or ⊙ B H, the true Height, as he ſays, but the ∠ X B H, as above; from whence, it is *more* evident than his *moſt*, that the Sun *was* at the Equinoctial when beheld there, with the apparent Meridian Altitude of 37° 41′ 56″.

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* *Hail from Aſtronomical Tables by means of the Altitude* ⊙ B H: *or thus, as rad.* : B T = 40 0 *Miles* : : *s* ∠ B T Z = Lat. : B Z = 3173,42 *Miles*; *and as* X Z = 8.100000 : *rad.* : : B Z : *Tangent* ∠ Z X B = 8.0121 = ∠ X B ⊙ by 29 E. 1.

§ 13. It is an univerſal, but erroneous, Opinion, received without any Proof, that the Air, ſtrictly underſtood, is the refracting Medium; whereas the pure Air is perfectly pellucid, and, by all that appears, does neither *reflect* the Rays of Light, nor refract them; for did it reflect them, a Space exhauſted of Air would look dark, whereas it looks as bright or brighter than if filled with Air: But Water will do both; and the Air near the Earth is always loaded with more or leſs, as is found in rarifying the Medium by an Air-pump, on which Occaſion it never fails to let fall a Cloud of Vapours. The great Genius Dr. *Boerhaave* diſcovered (ſee his Chemiſtry, by *Shaw*, Vol. I. p. 400. Art. xliv and xlv.), that the Air contained in a Three-pint Bottle might hold Water enough to moiſten an Ounce of Salt of Tartar, and increaſe its Weight: And, upon a Repetition of the Experiment, he found that the Water (here mixed with the Air), being 850 Times heavier than the common Air, muſt make up the largeſt Part of the Weight of this Portion of Air; for, if the 850th Part of common Air be Water, the whole Weight of the Air muſt be owing to the Water alone, whilſt the other Parts add little or nothing to the Weight, or perhaps do not gravitate at all. Mr. Deventer, the famous Writer upon Midwifery, aſſured him he had made the ſame Obſervations. Alſo at p. 403 and 404, he ſays, "There is no Air without Water, even on the Tops of the higheſt Mountains." And p. 395 is highly worthy of Conſideration: There is likewiſe a ſulphureous, nitrous and acid Quality in it, as appears from its ruſting of Iron, Copper, &c. Wherefore the Air may be intermixed and compounded with Water at leaſt, and yet not perceived by the moſt accurate Experiments, which really is the Caſe; for Vapours are continually riſing from the Earth; the more rare they are, the higher they aſcend; and the determinate Height beyond which they cannot riſe, being much higher than the *Pico Teneriff*, is out of the Reach of any Experimentaliſt; therefore, ſince we cannot come at pure Air to argue by Analogy from Experiments, made upon the Suppoſition of the Atmoſphere being ſuch, muſt greatly miſlead our Philoſophers, becauſe the groſs Atmoſphere is not analogous to pure Air; which, by the way, unfolds many Secrets of the Barometer; but to return. It is impoſſible that the Rays of Light ſhould enter Air, thus impregnated, without being refracted: And that the Refraction of the Atmoſphere is thus to be accounted for, is plain from hence, that Refraction is always greateſt in hazy Weather, when the Air contains groſs Water in it, as the *French Academy* obſerved long ago. This, by the bye, will give a Reaſon why Refraction is ſo much leſs near the Equator; for the Air being rarer with Heat in that Climate will not ſuſtain ſuch a Body of Water as with us, but lets it fall as ſoon as the Cold of the Evening comes, whence their exceſſive Dews. Again, the Air in the Polar Regions, being more denſe, will ſuſtain a much greater Quantity, ſo that their Atmoſphere, after the Froſt of a whole Winter, will be almoſt converted into a rarer Sort of Ice; whence the exceſſive Refraction in thoſe Parts.

I fixed a Twelve-foot Teleſcope, furniſhed with a good Micrometer, in an horizontal Poſition, pointing to a Weather-cock upwards of ſix Miles off, with a View of comparing the Altitudes cauſed by different Refractions with the States of the Barometer, Thermometer, and Hygrometer,

meter; but, before I had prepared and ſettled the whole Apparatus, Providence called me hither to a more important Office, and all I was able to remark was this; I once ſaw the Object elevated more than 40 Minutes, and always moſt in the ſharpeſt Froſt juſt before Sun-rite, having no Opportunity of a Haze. We may now with ſome Confidence aſſert, that Water and terreſtrial Exhalations are the only Cauſe of Refraction, and have a determinate Height in the Atmoſphere; but as for the Element of Air, for any Thing Refraction proves to the contrary, it is perfectly pellucid or tranſparent, and may be extended to the Moon, or the fixed Stars themſelves, and thereby occaſion no Refraction, even if it had a refractive Power.

Theſe Exhalations and the Barometer aſcending together proportional to the Denſity of the Atmoſphere, the Refraction, abſtracting from Cold, Froſt, Heat, &c. will be proportional to the Barometer; but ſince the Barometer ſtands as high in Winter as Summer, and undergoes all the Variations in the one as in the other, the Medium of Refraction muſt, in conſequence, riſe as high or higher in Winter than Summer, becauſe the Air is then more cold and denſe.

In the Afternoon, on the 14th of July, 1759, being very hot, only a few ſmall light Clouds, and Barometer at 30,06 Inches, I obſerved the perpendicular Height of a Cloud to be 1347,9 Yards: Two Hours after, another was 1538,9 Yards. On March 20, 1760, Barometer at 28,5, and but few Clouds; one was obſerved to be 574,01 Yards; *December* 16, 1763, Barometer at 30,61, a ſevere Froſt, and only a few light Clouds, one was taken 2157,1 Yards; *May* 16, 1764, Barometer at 30,23, pretty hot and clear, a thin light Cloud was obſerved 1485,96 Yards high: Theſe, with many other Obſervations, made both in Summer and Winter, convinced me, that the Heights of the refractive Medium depend not upon the Seaſons, but nearly follow the Barometer; which ſo well agrees with, and evidently confirms, what I have ſaid, that he, ſuppoſing, without offering his Reaſons, or even ſhewing ſo much as a Probability, that the Arch M O (ſee his ſecond Fig.) the Height of the Atmoſphere in Winter, to be leſs than D F, the Height in Summer, muſt inevitably bring out Concluſions repugnant to Reaſon, Nature, and Experiment; for, by this Time, it muſt appear, that whilſt E B is equal to B N, the Ray E F will be as long or longer than M N; the Object beheld at D F as great or greater than at M O; and conſequently the ∠ D B F as great or greater than the ∠ M B O, ſo that Refraction does not affect the apparent Diameters of the Sun more in Winter than Summer. Q. E. F.

§ 14. If it be once granted, that a Ray of Light, in paſſing from one Medium to another, ſuffers any Refraction, I know not how it can be denied, that it forms a *Curve* in paſſing through one Sort of Medium continually increaſing or decreaſing in its Denſity; becauſe, this Medium, at leaſt where the Ray paſſes, is compoſed as it were of an infinite Number of Laminæ differing in Denſity, at every one of which there will be a Refraction; and all the Paſſages joined together will undoubtedly conſtitute a Curve, as has been ſhewn in the Solution to Queſtion 252. I wiſh the Author had cited the very Places of the Books he refers to.

The Gentleman to whom I am replying now, appears ignorant of the Quantity, Matter, &c. of Refraction; the former, depending upon the Denſity of the Fluids and Angle of Incidence, may be computed for any given one, from the Writers on Optics; as to the latter, what has been ſaid in anſwer to § 13. will, I hope, afford him very ample Satisfaction; but, ſays he, "Light proceeds from the Sun, through a Vacuum, to our Atmoſphere;" which, I confeſs, is beyond my Underſtanding; becauſe how the Space from the Sun to our Atmoſphere can be a Vacuum, and at the ſame Time impregnated with the Rays of the Sun paſſing through it, is no ways conſiſtent with my Idea of a Vacuum: Beſide, I have ſaid in the Place referred to, with ſome Degree of Reaſon and Experiment, that Air may alſo enter and extend itſelf throughout this Space; ſo that, if it is filled with Light and Air, I know not why there may not be as good a Vacuum in any Part of our Atmoſphere as any where from thence to the Sun. What! not believe a Vacuum! Both my Antagoniſts and the whole Poſſe of Philoſophers is here expected to be out of Countenance, and, in a great Rage, fly at me with all the Strength and Violence Partiality, Malice and Indignation can drive them with: Though all that has yet appeared in the World will not ſuffice to eradicate my Notion; yet, with great Submiſſion, I beg Pardon for provoking them.

§ 15. As I have fairly reconciled every Objection of his to the preſent Syſtem; and, in my humble, yet perhaps partial Opinion, entirely overturned what this Gentleman has written, have certainly acquitted and ſet myſelf free from this peculiar Injunction, *to invent ſome other Hypotheſis and inveſtigate it.*

I have now finiſhed the Reply to Mr. *Bamfield's* Letter with much more Candour and Humanity than the haughty and envious Treatment it met with in the ſucceeding DIARY; but with what Succeſs you and every Reader are left to judge for yourſelves. I have, in the plaineſt Terms, endeavoured to lay out to Advantage every Principle I had Occaſion to mention; and aimed to be as general and uſeful as poſſible whilſt anſwering Particulars, that young Tyros in Aſtronomy might receive Inſtruction, and be armed with ſome little Defence againſt future Attacks, of which this Age ſeems fond to a Peculiarity; for little can be alledged againſt the Evidence of Senſe in the Knowledge of Effects, though the Cauſes now generally aſſigned for theſe Effects and Operations of Nature are more foreign than any heretofore, and contain nothing worthy of a Name. That drew me from my firſt Intention of uſing much Brevity, and has ſwelled the Reply ſo far beyond the Limits of your DIARY, that I know not whether you can deviate from your Plan to make it uſeful: However, it is at your Service; and ſince I am not at all ſollicitous about the Iſſue, you have my hearty Conſent, to uſe all the Freedom in correcting, abbreviating, and publiſhing or ſuppreſſing it, as you ſhall think moſt proper; and the Liberty of conſulting Meſſieurs *Bamfield*, *Wildbore*, or whomſoever you pleaſe, upon it: After which ſhould be glad to have it returned, with their Opinions; and the Objections to it ſhall meet with the ſame Civility.

Should this merit your Approbation, ſo far as to make any Uſe of it in your DIARY, you ſhall then have my Anſwer to Mr. *Wildbore's* Letter;

Letter; which is no leſs exceptionable in almoſt every Part; though he at preſent is ſo very poſitive and warm againſt his well-meaning Antagoniſt; imprudently caſting out ſuch mighty ſevere and ill-natured Reflexions that are of as little Credit to their Author as Service to the Cauſe of Truth; which alone I have ſo much at Heart that no mere *Mathematician* can deter, SIR,

Your very obedient, humble Servant,

Thorney-Abbey, near *Peterborough*, *July* 4, 1766. W. SMITH.

ERRATA.

P. 18, l. 30. (in laſt Year's DIARY) after *is* add *ſaid*. P. 19. l. 37. for *Aor* read *A to r*. P. 20. l. 13. for *Aphelion* read *Aphelion*. L. 14. for *Perichelion* read *Peribelion*. P. 22. l. 5. for *viz*, read *vide* or *ſee*. L. 16. for *indepently* read *independently*; and for *viz*. read *vide* or *ſee*.

Of the ECLIPSES which will happen this YEAR, 1770.

By Mr. ISAAC TARRATT, of EPSOM.

There will be no Eclipſe of the MOON this Year; and only *two* of the SUN: But neither of them viſible in *Europe*.

The Firſt will happen on the 25th of *May*, about One in the Morning: It will be central and total in *China*, in the Bay of *Nankin*, Saint *Thomas's Iſland*, and along the great *South Sea*.

The Second will be on the 17th of *November*, about a Quarter paſt Ten in the Morning; but, by reaſon of the MOON's South Latitude, it will not be viſible *here*: But the MOON's Diameter being leſs than the SUN's, it will be a beautiful *annular* Eclipſe in the *Æthiopic* Ocean; to the North of *St. Helena*, the Country of the *Hottentots*, to the North of the *Cape of Good Hope*, and in the *Eaſtern Ocean*; in Lat. 26° S. and Long. 47 E. from LONDON.

ANSWERS to the ÆNIGMAS, &c. in the laſt Year's DIARY.

1. KING OF CLUBS.
2. A LETTER CASE.
3. NEW-YEAR'S-DAY.
4. A BUBBLE.
5. ACE OF TRUMPS.
6. A LOOKING-GLASS.
7. A POCKET-WATCH.
8. LIMESTONE.
9. AMBITION.
10. (Prize) AN HAIR BROOM.

1ſt Rebus, WEEKS. 2d, STOW. 3d, SWINETHORPE.

All the ÆNIGMAS anſwered by Mr. THOMAS BARKER, of *Wiſſett*, in

Advice to his Sons.

Flee from the GAMESTER, and AMBITIOUS Man; 1. 5. 9.
Who often do what Miſchief e'er they can;
The BUBBLE ſhun! alſo the LOOKING GLASS; 4. 6.
Count well your YEARS; how ſwift your Minutes paſs! 3.
And WATCH your BOOK; nor play with STONY Ball; 2. 7. 8.
Death comes and SWEEPS away both great and ſmall! 10.

Mr. GEO. LANGLEY, of *Wrangle*, answered all the *Æniguas* thus.

In Expectation of some friendly Guests,
Last NEW-YEAR'S-DAY my Rooms were cleanly BRUSH'D. 3. Prize.
And strew'd with glitt'ring Sand, as LIMESTONE white: 8.
My CLOCK, and LOOKING-GLASS, as POCKET-BOOK, 7. 6. 2.
With proper Decorations were adorn'd;
AMBITION prompting to receive my Guests 9.
In some Degree equiv'lent to their Rank!
At length they came, ——— (and after due Repast
Of costly Fare, the Glass quick-moving round
With social Glee) they called then for CARDS; 5. 3.
And *Lo* brought on, insensibly, the Night:
When, stepping to the Door, lo! I beheld
The azure Heav'n bedeck'd with radiant Stars!
At Sight of which my lab'ring Soul was wrapt
In Contemplation sweet—Then thus broke forth,
These are thy wond'rous Works, most glorious GOD!
Almighty Father, everlasting King!
'Tis there I read the Transcript of thyself,
A full Demonstration of a GOD!
'Tis there the DEITY bursts forth to View,
And makes a Convict of an *Atheist!*
Oh! how it humbles and exalts my Soul,
And fills it with *Divine* Astonishment!
There could I gaze like the *Athenian* * Sage, * *Socrates.*
'Till bright *Aurora*, streaming in the East
With Light effulgent, from my ravish'd Sight
Conceals those Gems *oracular!* But that
The rigid Rules of Decency forbid,
And warn me hence, to join my jovial Friends,
And waft the painted BUBBLES of the vain. 4.

A General Answer to the FLOWERS, ÆNIGMAS, &c. in the GENT. DIARY for 1769. Addressed to the AUTHOR. By FLORA.

Whilst you, with Skill, each Ornament dispose,
A lasting Bloom your *yearly* NOSEGAY shews;
From chosen Flowers the mingling Orders rise,
And vary'd Beauty charms the wond'ring Eyes!
The ROCKETS first in this Collection blow,
Next, the JONQUILS in sweet Perfumes do glow;
Then LADY'S SLIPPER, Native of the Soil,
And TULIPS that are murs'd with Care and Toil;
Then HONESTY! which ever charms the Sight,
And THYME; Time brings all hidden Things to Light.
Hither resort, ye virtuous, learned FAIR;
Crop the sweet Bloom, and breathe the fragrant Air;
Where Tales of Pleasure, and Instruction, fraught
With dark *Æniguas*, t'exercise the Thought;

Of

Of LETTER-CASES; NEW-YEARS-DAYS; of KINGS; 2. 3. 5.
CARDS, MIRRORS, WATCHES; such like BUBBLING Things: 5. 6 7. 4.
LIME to *Stucco*, AMBITION's lofty Pile: 8. 9.
May BROOM sweep all Oppreſſion from our Iſle! Prize.
For *Weeds* too oft the cheated Eyes confound,
Deform the *Scene*, and ſpread Deſtruction round!
Rebus the firſt, I think is WEEKS; the ſecond may be STOW:
As for the third, I apprehend, is SWINETHORPE, which I know.

Mr. G. LACEY of *Bridport* anſwers all the *Ænigmas* in the following *Acroſtic*.

A MBITION *Ignotus's* Riddle muſt be, } 9.
C *olleges* BRUSH, I confeſs, much puzzled *me*: } Prize
E ach NEW-YEAR's-DAY, *Vaughan*, I'll a Health drink to thee. } 3.
O n a LOOKING-GLASS *Swift* has thought proper to write, 6.
F *luders*, thine is a BOOK-CASE, if I conſtrue it right. 2.
T. *Vaughan*, thy ſecond is STONE to make LIME; 8.
R ight I gueſs, if *Pote's* be a WATCH to keep Time: 7.
U s'd to Verſe, my Friend *Wyld* hides a BUBBLE with Eaſe, 4.
M r. *Boultbee's* KING o' CLUBS each *Diarian* muſt pleaſe: 1.
P *olly's* ACE is well known, though ſhe fain would conceal it; 5.
S o, in Spite of your *Teeth*, dear Miſs *Stow*, I'll reveal it.

All the ÆNIGMAS anſwered by THOMAS VAUGHAN, A. M.

Laſt NEW-YEAR's-DAY, I chanc'd to look 3.
Into my MEMORANDUM-BOOK; 2.
Found an Appointment, on that Day,
At Three o'CLOCK, at CARDS to play: 7. 5.
I dreſs'd myſelf, away did go,
Found ſev'ral there I did not know:
And preſently I did deſcry
Sharpers among the Company.
They'd *mark'd* the KING o' TH' CLUBS, and more 1.
Of other CARDS than Half-a-ſcore:
A LOOKING-GLASS help'd them to cheat, 6.
And *ſharping Tricks* for to compleat!
I catch'd them in the very *Fact*,
I'll tell you now how I did act:
Reſolv'd with them to have a BRUSH, Prize.
And ſuch a Pack of *Knaves* to cruſh.
AMBITION fir'd my Soul, to ſee 9.
Such complicated Villainy!
Death! Scoundrels! would ye BUBBLE *me*, 4.
And ſev'ral in the Company?
I'll BURN ye all!——Then this vile Crew 8.
Out of the Room, like Light'ning flew!
Thus, of theſe *Sharpers* we got free,
Then ſpent the Night with Mirth and Glee.

All the *Ænigmas* answered by Mr. JAMES MILLS, of *Brixworth*.

WINTER: A POEM.

See Nature strip'd of all her blooming Charms,
In sable Weeds, like weeping Widow, mourns!
The blust'ring Winds, in murm'ring Accents, howl,
And teeming Clouds with darkest Visage roll!
Fragrance no longer fills the ambient Air;
But chilling Damps and cutting Gales are there.
The *Birds* are dumb; AMBITIOUS Flow'rs lie dead, 9.
And sick'ning Nature hangs her drooping Head!
The short'ned DAYS * a gloomy Prospect wear,
And almost quick as BUBBLES disappear! 4.
Now see the *Snow!* it whitens all the Plain,
The Emblem there of Innocence is seen:
Oh! may we then by this bright MIRROR view 6.
Our Follies past, and bid them all adieu;
And let not CARDS, nor *Dice*, employ our Youth; 1. 5.
But study LEARNING †, Elegance and Truth.
But hark! the sounding CLOCK bids us beware, 7.
And for the Day of our Accounts prepare;
When we must lie down in the silent Tomb,
Without a BRUSH to sweep our LIMEY Room! Prize. 8.

* *Alluding to* 3. *New-Year's-Day.* † *Alluding to Letter-Cases.*

Answers to all the *Ænigmas*, by Miss POLLY STOW, of *Stow*, near *Gainsborough*: On the Return of her *Damon* from abroad.

What distant Region has so long detain'd,
What happy Fate restores my dearest Friend?
Can Southern Climes so long invite thy Stay:
Are Skies serener there, or Flow'rs more gay?
Three Years, last NEW-YEAR'S-DAY, since we did part, 8.
With mournful Sighs, and Tears, and aching Heart!
Welcome, O *Damon*, to thy native Plains;
Welcome, my Joy, the Glory of the Swains!
Here, on the Margin of this limpid Rill,
That, rambling devious, BUBBLES down the Hill, 4.
Repose thy weary Limbs; forget thy Toil,
And, pleas'd, again survey thy native Soil;
Pride and AMBITION Strangers are to thee, 9.
I, in my POCKET-BOOK, thy MIRROR see. 2. 6.
I value not an ACE what great Folk say; 5.
KINGS are in Love.——And *Subjects* must obey. 1.
The CLOCK's gone Six, my BRUSH I'll cast aside, 7. Prize.
This Day I hope to be dear *Damon's* Bride!
As sharp as LIME my *Damon* looks, I vow, 8.
As brisk and gay he'll see Miss *Polly Stow*.

A ge-

A General Solution to all the ÆNIGMAS, by Mr. BENJAMIN WEST, of *Weedon-Beck*, near *Daventry*.

The SPRING-DAY.

Aſpice, venturo lætentur ut omnia ſæc'lo. VIRG.

Let others, in ſublime, heroic Verſe,
The val'rous Feats of ancient KINGS rehearſe;
Tell how their martial Thunder ſpread Alarms,
And fill their POCKET-BOOKS with Deeds of Arms:
I'll not *Bellona's* Blood-dy'd Field explore,
Nor in a NEW-YEAR's Ode for *Laurels* ſoar;
But, as luxuriant Fancy dictates, chooſe
A *rural Subject* for my *rural Muſe*.
The *vernal Day*, when *Flora* decks the Bow'rs,
And jovial Paſtimes crown the fleet-wing'd Hours,
Invites my Lays—Deſcend, *Pierian* Choir,
And wake to rapt'rous Strains the ſlumb'ring Lyre;
Soft let the harmonizing Numbers move
As Gales that fan *Arcadia's* blooming Grove!
While I the roſeate Morning's Charms diſplay,
When orient *Sol*, reſplendent Lamp of Day,
O'er the tall Wood emits vivific Beams,
On daiſy-painted Lawns and BUBBLING Streams,
From his bright F—ACE diffuſive Glory ſheds,
When bluſhing o'er the ruſſet Mountain's Heads.
How beauteous—how inviting to the View
Appears the verdant Plain, impearl'd with Dew!
Where, all at Eaſe, lanig'rous Bleaters feed,
And ſoftly "*Damon* tunes his oaten Reed,"
Or wields, with ruſtic Mein, th' obſequious Crook,
By the pure MIRROR of the winding Brook;
While the ſhrill *Lark*, exulting, chants her Love,
In early *Matins* to the Throne of JOVE;
And chearly from the Spray the *Linnet* ſings,
Where gentle *Zephyrs*, waving balmy Wings,
Waft through the ambient Air the mix'd Perfume
Of Sweets exhal'd from each mellif'rous Bloom;
While ſmiling Landſkips and bright Carmine Skies
Inſpire the Soul with Tranſport and Surprize!
Such Charms, O Morn! thy fragrant Reign attend,
But in my flowing Song no more aſcend;
For hark! the Village CLOCK, with ſolemn Sound,
Proclaim'd it *Noon* through all the Plains around:
The radiant *Sun*, in high meridian Blaze,
On *Earth* omnif'rous darts more fervid Rays;
What Eye, with ſteady Gaze, can now behold
The dazzling Splendors of his flaming Gold?
See, how the lowing Herds and bleating Flocks
Quaff the cool Streams that trickle from the Rocks;

Then

Then ſport, delighted, in the *Solar* Heat,
Or 'midſt umbrageous Thickets ſeek Retreat;
Where the loud *Thruſh* attunes her dulcet Lay,
And tepid Breezes in the Foliage play.
Now lead me, *Muſe*, to yon ſequeſter'd Grove,
Where *Myrtles*, with ſweet *Woodbines* interwove,
Am'rous around embow'ring *Oſiers* twine,
And wanton creep along the verdant Line!
There let me reſt, and view with fond Delight
The beauteous Scenes that court the wond'ring Sight.
What golden *Cowſlips* paint yon' rilly Mead!
What *ſilv'ry* Bloſſoms deck that *Haw-thorn* Shade!
Look yonder! flow'ry Lawns and wavy Woods
(The Seats of *Dryads*, *Fawns*, and *Sylvan* Gods)
Replete with vernal Beauty, ſtrike the Eye;
There o'er EIM'D Uplands nods the bearded *Rye*. 8.
Lo, in the Shade the Peaſant reſts reclin'd
(No wild AMBITION haunts his tranquil Mind), 9.
Where round the *moſſy* Hillocks friſk the Lambs,
In harmleſs *Dalliance* by their fleecy Dams;
While Streamlets BUBBLE round, and *Naiads* ſing,
And Birds in ſweet *Concerto* hail the Spring.
But ſee, ah! ſee (in *Thetis*' Bed to reſt)
Aurif'rous *Phœbus* BRUSHES down the Weſt. 10. Prize.
The deep *Atlantic* Flood abſorbs his Ray,
And the red *Welkin* ſhews departing Day.
Now to their *Cotts* repair the Shepherd Swains,
And *Ceres*' Sons forſake the teeming Plains;
While Dews demulcent on the Fields diſtil,
And humid Miſts reek o'er each murm'ring Rill;
Preſaging *Owls* their Ivy Covert quit,
And ſooty *Bats* in airy Circles flitt;
Dear *Philomel* begins her Song of Love,
Which "undulates around" from Grove to Grove:
To her now-raptur'd *Muſe*, the *Lyre* reſign,
And ceaſe, O ceaſe!—The *Delphian* Crown be mine.

Anſwers to all the ÆNIGMAS, by Mr. ISAAC TARRATT, of *Epſom*.

An ODE, wrote on NEW-YEAR'S-DAY, being *Sunday*.

Says I unto my Maid, this DAY 3.
Come, lay aſide your BROOM, I pray. Prize.
No Work for me on *Sunday*:
{Give me the GLASS to ſee my Face, 6.
And for good Rhyme my LETTER-CASE} 2.
This Feaſt we'll keep on *Monday*.
A BUBBLE for your *Atheiſts* vain, 4.
Who dare this holy Day profane,
And ſtudy as a Science

A Medley

A Medley of your *painted* Things.
Of *Aces*, *Knaves*, and Paper KINGS; . 5. 1.
And bid the LORD Defiance!
One *Seventh* Day only we're enjoin'd
To WATCH, and pray, and keep in Mind . 7.
HIM who created all:
AMBITIOUS, then, in holy Senſe, 9.
CEMENTED by Benevolence, 8.
Obey the heav'nly Call.

Friend SARAH STEER, of *Hull*, anſwers all the ÆNIGMAS in an *Addreſs* to the CONTRIBUTORS to the GENTLEMAN's DIARY.

Your Myſt'ries, *Gents* (as LIME-STONE hard), t' unfold, 8.
AMBITION prompts me on, not Thirſt of Gold: 9.
Among the *Britiſh* Wits to have a Name;
Where Genius ſhines, and Merit meets with Fame.
Then tell me not, ye Bards, to mind my GLASS, . 6.
Whoſe flatt'ring Charms, like empty BUBBLES, paſs: 4.
Nor bid me ſpend my HOURS ‡ in female Pride, ‡ *A Watch.* 7.
In orient Gems to glitt'ring Concerts glide;
With ACE or KING, at Cards I never play, 5. 1.
Deluding, ſhameful Sport on NEW YEAR's-DAY! 3.
In ſtudious Mood *Ænigmas* dark reveal,
Nor ſhall my POCKET-BOOK their Names conceal: 2.
But yet my BRUSH muſt ſome ſmall Time detain, Prize.
That Neatneſs may beſpeak the cleanly Dame:
Then blame me not your *Riddles* to explore,
'Tis what Friend *Rachel Bell* has done before.

Mr. JOHN SHADGETT anſwered the *Prize Ænigma*, as under.

Your *Toaſts*, ye Bards, I value not a Ruſh;
Give me the Girl who handles well her BRUSH.

Mr. HENRY LESTER, of *Sheepſhead*, gives the following Anſwer to the Prize Ænigma.

If I am wrong, for my Error I bluſh;
But, if I am right, 'tis a long-ſtailed BRUSH.

Many more Anſwers to the Prize *Ænigma*, and *general* Anſwers to all the *Ænigmas*, have been received from Meſſieurs *Hoole Clerk*, *Matthew Flinders*, *F. Harmleſs*, *I. Innocent*, *George Lodge*, *J. Punwell*, *Charles Ramſay*, *William Swift*, *Tho. Wilkinſon*, *William Wortley*, and many others: Which for Want of Room cannot be conveniently inſerted.

All the REBUSES anſwered by JACK-PUNWELL.

I leave Miſs *Weeks* for Mr. GLEED; yet what to do I'm not agreed: 1.
Where for a *Wife* I'd better go, whether to SWINETHORPE or to STOW. 2. 3.

The

The 2d and 3d REBUSES anſwered by Mr. THO. WILKINSON.

Your *Rebus*, conſider'd, doth wittily ſhew,
That pretty, fair Female they call POLLY STOW:
If I may, Miſs *Aſhton*, your *Rebus* unfold,
You ſtudy at SWINETHORPE—a Wager I'll hold.

†‡† No *Solution* has been received to the firſt PARADOX.

Second PARADOX anſwered by Mr. MATTHEW FLINDERS.

The young was nam'd OLD, and the old was nam'd YOUNG,
So a *Paradox* from that odd Circumſtance ſprung.

The ſame anſwer'd by Mr. ALEXANDER ROWE.

A virtuous Man the ſacred Writ declares,
Dies in full Age, tho' he be YOUNG in Years:
While that OLD Dad, with Vice encruſted o'er,
Dies but too *Young*—altho' he be fourſcore!

Firſt QUERE anſwered by Mr. JOHN POTE, of *Hawick*, in *Scotland*.

LOVE is (if I miſtake not) the moſt ruling and prevailing Paſſion over mortal Beings: I would thus define it: "Love is a ſtrong Emotion of the human Heart, excited by the firſt Appearance of Worth and Excellence in any Object." *Omnia vincit Amor: & nos cedamus Amori. Virg.* Buc. Ecl. X. ver. 69. *i. e. Love* conquers all Things, and we muſt yield to LOVE. The Purity of its Flame ſhall ennoble thine Heart, and ſoften it to receive the faireſt Impreſſions.

Mr. R. LAUREAS gives the following *Anſwer* to the Firſt QUERE.

Since, whatever Way a Man's Mind is bent, it is influenced by LOVE, with reſpect either to *good* or *evil*; LOVE is always the Rule of the reſt of the Paſſions. Hence,

The moſt prevailing Paſſion, that I know,
Is LOVE, the Source of all our Joy or Woe!

Jack Punwell anſwers the ſame thus:

While the *Sun* ſhines, no twinkling *Stars* appear:
No Paſſion reigns but LOVE, when *Polly*'s near.

Mr. ALEXANDER ROWE anſwers the ſame as follows:

"Hail, mighty LOVE! the Preference be given
To THEE, who brought the PRINCE OF PEACE from Heav'n!
All-bounteous Nature taught the fertile Field,
For all our other Ills a Balm to yield:
But LOVE the ſharpeſt Pang the Soul ſuſtains,
Still cruel LOVE incurable remains!" *Blacklock.*
"Fantaſtic Tyrant of the am'rous Heart,
How hard thy Yoke, how cruel is thy Dart!
Thoſe 'ſcape thy Anger who refuſe thy Sway,
And thoſe are puniſh'd moſt who moſt obey. *Prior's Solomon.*

Mr.

Mr. R. LAUREAS ſent the following Anſwer to the Second QUERE.

Whatever is projected from the Earth, if the Body that projects reſts upon the Earth, the Motion of the Earth is communicated to it: Hence the Man's Fall is by Gravity in particular; and by Compreſſion, Gravity, and Attraction in Conjunction.

Mr. MATTHEW FLINDERS anſwers the ſame thus:

I think he would fall to the Ground by Gravitation, Compreſſion, and Attraction compounded; though chiefly by Gravitation: For his Body being compoſed of Materials ſo much heavier (or denſer) than the Air; he, according to the Laws of Gravity, muſt deſcend in it. Compreſſion, or the Weight of the incumbent Atmoſphere, muſt accelerate his Deſcent. So likewiſe does Attraction between the Earth and his Body.

Mr. ALEXANDER ROWE gives the following Anſwer to the ſame.

It is well known that all Bodies at a Diſtance from the Earth, deſcend freely to it in Directions perpendicular to its Surface, and with equal Velocity, allowing for the Reſiſtance of the Air: Which Property, in Natural Philoſophy, is called Attraction of Gravitation: And, conſequently, by the ſame Law, the Man turned off from the Top of the Tower falls to the Ground.

The Third QUERE anſwered by JACK PUNWELL.

That ingenious Antiquarian, Dr. *Smelkuſt*, is of Opinion, that (as *Homer* makes no Mention of a Temple in his Poems) there were no Heathen Temples in his Time. If ſo, *Moſes* (who lived long before) could no more take the Pattern of the Tabernacle from an Heathen Temple, than *Aaron* the Pattern of his Breeches from Mr. *Weſt's Ænigma*.

Anſwers to the NOSEGAY, by THOMAS VAUGHAN, A. M.

Yov've dreſs'd up ſome Flow'r-pots, *Corinna*, I ſee,
For Miſs *Stow*, but I'd rather you'd dreſs'd them for *me*.
The ROCKET and JONQUIL are both very ſweet,
And the LADY'S SLIPPER is pretty and neat;
The TULIP is glorious, and makes a fine Show,
HONESTY well ſuits *yourſelf* and Miſs *Stow*:
THYME fills up the Poſie, *T. Vaughan* don't fear,
So he reſts, your obedient, until the next Year.

The ſame anſwered by Miſs POLLY STOW, addreſſed to *Corinna*, the Propoſer; wherein another is alſo propoſed.

My deareſt *Corinna*, pray ſee here below *,
Your *Noſegay* found out by Miſs *Polly Stow*;

* 1. ROCKET. JONQUIL. 3 LADY'S SLIPPER. 4. TULIP. 5. HONESTY. 6. THYME.

To

To fill your *Pot* fuller, and make it more gay,
Obſerve here the *Flow'rs* I've ſent you To-day:
Firſt, to " a Grammarian add a low Place;"
Next, let " Juno's Meſſenger" your Flower-pot grace;
Perhaps " a vain Youth" you'll not think worth your while:
" A Cracker of Fire-works," which has caus'd a Smile:
" A ſwift-ſailing Veſſel, and the Movement of Wings,"
" The Glory of the Creation" which annually ſprings:
Add theſe but to yours, dear Miſs, and you'll find
Your Pot then well dreſs'd, and juſt to my Mind.

New ÆNIGMAS to be anſwered in the next Year's DIARY.

1. Ænigma 240, by THOMAS VAUGHAN, A. M.

We are Twelve Brethren, from one Parent ſprung,
All come to perfect Age—none of us young:
We're Seven of one Length, four of another,
One ſhorteſt, yet is oft the *ſharpeſt* Brother.
We are of different Tempers, and inclin'd
To *change* as often as th' inconſtant Wind:
Sometimes we're boiſt'rous, bluſt'ring, rough, and wild,
At other Times we're pleaſant, ſweet, and mild:
Some of us are moſt richly dreſt, and ſhew
As ſplendid Colours as the radiant Bow!
Others are in the fineſt Green array'd,
With beauteous Flowers ev'ry-where diſplay'd;
Some few of us are often clad in white,
But then we ſeldom ever give Delight;
Some too wear yellow, but for that alack!
We're ſure to have our Cloaths ſtrip'd off our Back:
Without the Help which we to Mortals give,
It would be very ſtrange if they cou'd live:
Take this one Hint which I to you declare,
Whene'er you dine, One of *us* muſt be there.

2. Ænigma 241, by Mr. JOHN SHARGETT, of *Roſs*, *Herefordſhire*.

To chant theſe Lays, no *Muſe* do I invoke
(For *Muſes* rarely herd with *Country* Folk);
Nor *Clio*, nor her *Siſters*, have I ſeen,
As *Heſiod* ſaw them, dancing on the Green:
In Strains unpoliſh'd, I my Tale relate,
Who am both ancient, and of modern Date.
Know, then, 'twas *Man* at firſt that gave me Birth,
Though now reſide in Water, Air, and Earth:
And by ill *Fate* am ever in Diſgrace,
Yet (ſomewhat ſtrange!) am never out of Place.
In Parliament none has more Pow'r than I;
Often I'm heard, though ſometimes neuter lie:

In

In long Harangues I claim as great a Part,
And have the public Good as much at Heart
As any Member that appears in Favour
Of's country's Cauſe, or Country-mens Behaviour!
No Bill can be (though void of all Defect)
If I am wanting, paſs'd into an Act
Nor juſt Demands be ever fairly paid
To honeſt Men, without my ſpecial Aid.
I alſo am converſant with the *Fair*,
Their Cauſe proteſt with Vigilance and Care;
In their Defence, I ne'er am out of Breath,
Though you may find me in the Arms of Death:
Enough is ſaid; at leaſt I'll ſay no more,
DIARIAN ARTISTS—now my Name explore.

3. Ænigma 242, by Mr. B. WEST, of *Weedon Beck*.

Whence I, ye Wits, my Being firſt deriv'd,
Or whoſe deep Art my wond'rous Form contriv'd,
Concerns you not. This Truth I will reveal!
In *Love* and *Prodigies* I'm known to deal.
By *Erudition's* Sons my Worth is known;
From *Grub-ſtreet Bard*, and upward to the *Gown*,
They *all*, by Turns, confeſs and own my Aid,
But, ſtrange! too oft with Truth it may be ſaid,
The Tool of plauſive Hypocrites I'm made.
Thus beſt Deſigns (O what a ſad Abuſe!)
Are oft perverted to the vileſt Uſe:
When Doctor *Squintum* rants it on the Green,
Like *Cock-lane Ghoſt*, I act my Part unſeen;
But at the Church, perhaps, may greet your Eyes,
Array'd in Sable, though a Shrimp in Size,
With Head plac'd downward, to create Surprize.
My Brother (a mere *Pigmy*, like myſelf),
A ſly, inquiſitive, and crooked Elf;
In Rites and Myſteries is fond of prying,
And muſt make One, when *Hymen's* Bands are tying.
From hence, *Diarian Bards*, unfold my Name,
And *Phœbus* through the Skies ſhall ſpread your Fame.

4. Ænigma 243, by Mr. ISAAC TARRATT, of *Epſom*.

Ye *Wits*, who ſhine in DIARY,
Explaining ev'ry Myſtery;
Pray tell the learned World my Name,
And ſhew me in your Book of Fame.
My *Parent* was a Man of Parts,
And much diſtinguiſh'd by his Arts;
His Anceſtors were *Welſhmen*, good
As ever ſprung from *Britiſh* Blood.
My Age is near unto Fourſcore,
Since I appear'd on *England's* Shore;

To fill your *Pot* fuller, and make it more gay,
Obſerve here the *Flow'rs* I've ſent you To-day:
Firſt, to "a Grammarian add a low Place;"
Next, let "Juno's Meſſenger" your Flower-pot grace;
Perhaps "a vain Youth" you'll not think worth your while,
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As any Member that appears in Favour.
Of's country's Cauſe, or Country-mens Behaviour!
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Nor juſt Demands be ever fairly paid
To honeſt Men, without my ſpecial Aid.
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Are oft perverted to the vileſt Uſe:
When Doctor *Squiatum* rants it on the Green,
Like *Cock-lane Ghoſt*, I act my Part unſeen;
But at the Church, perhaps, may greet your Eyes,
Array'd in Sable, though a Shrimp in Size,
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His Anceſtors were *Welſhmen*, good
As ever ſprung from *Britiſh* Blood.
My Age is near unto Fourſcore,
Since I appear'd on *England's* Shore;

And

And now in ev'ry happy Iſle,
Where Arts and Science deign to ſmile,
I am eſteemed by each Sage,
And moſt who read DIARIAN Page:
Great NEWTON would not be deny'd,
And *Simpſon* lik'd me by his Side;
And *Emerſon* (I've heard 'em ſay)
Will court my Favours Night and Day.
One *Turner* too (or he's bely'd)
With both his Legs has gall'd my Side,
And on my Head one unkind Brother
Stands on one Leg to reſt the other;
Nay all do uſe me as they liſt,
And *Sadler* too amongſt the reſt.
As to my Shape, I do declare,
'Tis not completely round nor ſquare;
And for my Learning, 'tis agreed,
I neither yet can write nor read;
But can accompt a ready Way,
And uſeful am when ſent to Sea:
When Friendſhip calls, all Dangers brave,
Nor do I dread the boiſt'rous Wave.
But, void of Care, the other Day,
My Owner loſt me in his Way:
Pick'd up by *Hodge*, now mark my Woes,
St. *Dunſtan* like, he burnt my Noſe:
Take one Hint more (to ſolve the Riddle),
My Nameſake's hung up by the Middle,
In ev'ry Town and Corporation,
And City too, in th' *Engliſh* Nation.

5. Ænigma 244, by Mr. G. LACEY, of *Bridport*.

The Beams of Light had uſher'd in the Day,
And airy Songſters warbled from the Spray;
The tow'ring *Lark* roſe up on high to meet
Bright *Phœbus'* Rays, with gladſome Notes to greet
The bluſhing Morn; when lovely *Celia* fair
Trip'd o'er the painted Meads to breathe freſh Air;
When I this fair Maid unexpected met
Th' unwelcome Viſit made the fair Maid fret:
Tho' ſmiling Nature ſeem'd to look more gay,
Enliv'ning *Flow'rs* ſhew'd Signs to court my Stay;
Yet not the Fragrance of the flow'ry Fields,
Nor all the Beauties bounteous Nature yields,
Had Charms ſufficient to detain the Fair,
Whilſt I (to her unwelcome) ſtill was there!
She various *Ways and Means* to ſhun me try'd,
But all in vain; with *her* I would abide;
I 'bode ſo cloſe, ſhe would no further roam,
But ſtraight, with haſty Steps, returned Home;

Though

Though thus she seems to slight me, yet should I
My wonted Visits to this *Isle* deny,
She'd, fervent, join the gen'ral Supplication,
T' implore my Aid for to enrich the Nation.

6. Ænigma 245, by FLORA.

A Race of *Lilliputians* here behold,
Some dress'd in *Silver*, others deck'd in *Gold!*
A *little* Race, diminutive and small,
The largest of us not *six Inches* tall:
Yet, *Proteus* like, or the fam'd *Harlequin*,
Can change our Form to please our Master's Whim;
Appear a *Lion* with horrific Looks,
Vulture or *Hawk*, or ought you find in Books;
Mimick the rav'nous *Wolf*, or *Fox*, in Shape,
The harmless *Lamb*, the *Bull*, the *Bear*, or *Ape*.
The winged Tribe, that skim thro' liquid Air,
By *us* transform'd, a diff'rent Liv'ry wear:
The snow-white *Swan* can in an Instant dye
Black as the Ringlets of the *Raven's* Eye;
And, instantaneous (if our Master bid),
Can change the fable *Croto* to Carmine red;
Nay, we're possess'd of such strange magic Pow'r,
Ten Castles we can build within an Hour!
Can *Heroes* Forms, who've many Years been dead,
Cæsar or *Pompey*, or our great *Alfred*:
To keep the *British* Subjects in due Awe,
We add the greatest Sanction to the LAW!
What's worst of all; one certain Truth remains,
There's many Thousands of us *hung in Chains*.

7. Ænigma 246, being the PRIZE ÆNIGMA for this Year: By Mr. JOHN COLLEDGE, of *West-Haddon, Northamptonshire*.

Have you ne'er read, how ancient Writers feign'd,
What mighty Labours *Hercules* sustain'd?
Piece-meal he rent a *Lion* with his Nails;
Then o'er the *Lerna* Serpent next prevails;
Arcadia's Boar became his vanquish'd Prey,
Diana's sacred Hind he bore away;
The Birds *Stymphalides* his Fury felt;
He took from Queen *Hyppolita* her Belt!
The Stalls of *Augeas* he made compleat;
'Twas he subdu'd and tam'd the Bull of *Crete*.
Dread *Diomede* could not his Frown withstand;
Thrice *Geryon* drop'd by his avenging Hand:
Beneath his Feet the watchful *Dragon* fell;
He fetch'd the growling *Mastiff* bound from Hell.
Thus have I great *Alcides'* Feats express'd,
Now with my *own* will I conclude the rest.

You'll think me aged—I commenc'd my Birth
Before old *Adam* quit this Spot of Earth;
Though on this Life I wore a thin Diſguiſe,
I brought Affliction to his ſtreaming Eyes!
Thus ſacred Records intimate to you,
The many Thouſands *Saul* and *David* ſlew:
How valiant *Sampſon* ſtruck the Tribes with Awe,
And cut off Numbers with an *Aſs's* Jaw!
But I have ſacrificed Millions more
Than all the Worthies herein nam'd before:
Submiſſive, ſome receive the fatal Stroke
(With as much Eaſe as ſlender Twine is broke);
Others, more ſtout, to ſhun the dying Groan,
Have made me ſcamper to evade my own.
But, Stratagem ſurpaſſing human Strength,
Death ends the Strife, and they lie ſtretch'd at length.
The Monſter *Cacus*, more than half a Beaſt,
A Den, impervious to the Sun, poſſeſs'd:
The Pavements, ever foul with human Gore,
And mangled Limbs hung round the darkſome Door!
Unlike that *Lurcher*, I do all I can,
To make my Deeds conſpicuous to Man:
My Trophies, plac'd upon exalted Thrones,
Are diſlocated Joints and fractur'd Bones.
Fail not to tell your Spouſes (Gents) at Home,
The Hero of all Heroes now is come!
Once more, to your Surprize, I will aſſure ye,
No *Felon* 'ſcapes where I ſerve on the Jury.

New REBUSES, to be anſwered next Year.

1 REBUS, by Mr. WILLIAM SWIFT, of *Stow*.

To the Year Fifty-five —— and the next Thing, I think,
Is Two Thirds of a Liquor the Ladies oft drink:
Conneſt 'em together, and then you will find
A Thing which much pleaſes the Ear and the Mind.

2 REBUS, by Mr. JOHN SHADGETT.

The God that rules the Marriage State,
The Man that God did firſt create,
The Place where Kings and Queens reſide,
The Bird that moſt delights in Pride,
The Man that bleſs'd his youngeſt Son,
And left the elder quite undone:
The God to which the Seas belong,
The Muſe that guides the Lover's Song,
That Seaſon when all Nature's gay,
And what exhilarates the Day:
Theſe Nine Initials, placed true,
Will ſomething bring to public View,

Which

Which all have ſought, in vain, to get;
For none could ever find it yet.

---

1 QUERY, by Mr. ALEXANDER ROWE.

What is *Content?*

2 QUERE, by Miſs POLLY STOW, of *Stow*.

Kind Sirs, Which is the ſureſt Trade
In *England* now? Pray tell the Maid
The *quickeſt* and the *ſafeſt* too:
Next Year I'll do as much for you.

A PARADOX, by the Same.

Before my Father I was *got*,
Before my Mother *born*;
The third Thing which fell to my
To me is held in Scorn:
The *Maiden's-Head* I firſt did get
Of Grandmother (they ſay):
More I could ſay—but muſt not yet;
Firſt make *this* out, I pray.

A Rebuſmatical, Paradoxical *Grove*, or *Nurſery* of Trees:
By Mr. WILLIAM SWIFT, of *Stow*.

Three Tenths of a Deſert, and reverſe unto high,
Is a Tree for its *Uſe*, I extol to the Sky:
To half of a Fiſh add the Voice of a Cow;
Is a Tree, which in *England* does commonly grow:
Four-fifths of a Line which the *Carpenters* uſe,
Names a Tree, for its Uſe, but few will refuſe;
A Fiſh, which moſt love, names a Tree that I hate
(Though the Fruit I have eaten, ſo hard was my Fate);
A Place in the Play-houſe will another diſcover,
For Uſe, and for Hardneſs, known all *England* over:
To the Support of an Houſe, add the Worm of a Screw,
Names a Tree whoſe great Uſe has pleas'd not a few.

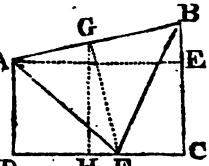
*** Mr. ROBERT LANGLEY, of *Hitchin*, and Mr. THOMAS BARKER, of *Wiſſett*, having each a Lot of Twelve DIARIES; and Mr. BENJAMIN WEST, of *Weeden-Beck*, and Mr. JOHN COLLEDGE, of *Weſt-Haddon*, each a Lot of Six; are deſired to ſend for their reſpective Lots to Mr. GEORGE HAWKINS, at *Stationers-Hall*, LONDON; ſo ſoon as they pleaſe, after Publication.

Tbringſton, 22 *May*,
1769.

Answers to the Questions in laſt Year's Diary.

(1.) Queſt. 319, anſwered by Mr. *William Leſter*, of *Shuſpſhead*, a Village in *Leiceſterſhire*.

Construction.



Join AB, which biſect at G; and draw GF perpendicular thereto: and alſo let fall GH perpendicular to DC; then, the Angle BAE will be=the Angle FGH; and the Triangles BAE and FGH being *ſimilar*; it is plain, that the Triangle AFB, will be Iſoſceles, by reaſon of its equal Sides AF, and FB; and conſequently, where GF cuts (falls upon) DC, will be the Point required.

Calculation. As AE (36) : : BE (6) : GH=CE+½ BE (21) : HF=3,5; and DF=+HF=21,5: and FC=14,5: Whence (per 47 *Eu.* 1) AF=FB is found =28,04.

Meſſ. Tho. Adcock, Tho. Atkinſon, Tho. Barker, E. Batten, William Bell, Wm. Brownell, Steph. Chadborn, Gervaſe Cliff, Wm. Croſs, Miſs Polly Eadon, Wm. Fininley, Henry Fleck, Wm. Forreſter, Matthew Habberſhon, David Haſtings, Wm. Kingſton, Henry Kater, Geo. Langley, Jonathan Mabott, John Moore, Edw. Parnell, John Pacey, G. Pott, Geo. Purſeglove, Wm. Philips, Cha. Ramſay, Alex. Rowe, Joſiah Snibſon. Charles Sleight, William Stephens, John Thompſon, Wm. Turner, Wm. Vivar, Wm. Webſter, John Whiteley, James Young, Solomon Scott, and others, ſent Solutions to this Queſtion; which cannot be publiſhed for want of Room.

(2.) Queſt. 320, Having received various and different Solutions to this Problem, from Meſſ. Tho. Barker, E. Batten, Wm. Brownell, Gervaſe Cliff, Miſs Polly Eadon, Wm. Fininley, Henry Fleck, Matthew Habberſhon, Wm. Kingſton, Wm. Leſter, Edward Parnell, John Pegg, Wm. Philips, G Purſeglove, Tho. Robinſon, Alex. Rowe, Richard Skews, Henry Tilney, W. Vivar, John Thompſon, Wm. Webſter, and ſeveral others; ſhall only publiſh Mr. Thomas Walker's (the Propoſer's) own Solution—which is as follows.

Let

Let $y=w+x$ / And $z=w-x$ } then $y+z=2w$; then, alſo $y^4=w^4+4w^3x+6w^2x^2+4wx^3+x^4$, and $z^4=w^4-4w^3x+6w^2x^2-4wx^3+x^4$. And $y^4-z^4=8w^3x+8wx^3=y+z=2w$; (per Queſt.); and $4w^3x+4wx^3=i$; and $x^3+w^2x=\frac{1}{4}$; and $w^2x=\frac{1}{4}-x^3$; and $w^2=\frac{1}{4x}-x^2$: Let $x=\frac{1}{3}$; then $x^2=\frac{1}{9}$; and $w^2=\frac{3}{4}-\frac{1}{9}=\frac{27}{36}-\frac{4}{36}=\frac{23}{36}$; and $w=\sqrt{\frac{23}{36}}$; $\therefore$ $y=w+x=\sqrt{\frac{23}{36}}+\frac{1}{3}$; and $z=\sqrt{\frac{23}{36}}-\frac{1}{3}$. For $\sqrt{\frac{23}{36}}+\frac{1}{3}^4 - \sqrt{\frac{23}{36}}-\frac{1}{3}^4=\frac{184}{108}\sqrt{\frac{23}{36}}+\frac{8}{27}\sqrt{\frac{23}{36}}=\frac{216}{108}\sqrt{\frac{23}{36}}=2\sqrt{\frac{23}{36}}=y+z=\sqrt{\frac{23}{9}}=\frac{1}{3}\sqrt{23}$. Q. E. I.

(3.) Queſt. 321, anſwered by Mr. *Thomas Adcok*, of *Aſhby-de-la-zouch*.

It is manifeſt from the firſt and fourth given Equations, that $w+x=25$, and $y+z=25$; and $x=25-w$, and $z=25-y$: and from the third Equation, $y=1,8181w$; theſe Values of x, y, z, ſubſtituted in the ſecond, we have $70,4525w-625=150$; from whence $w=11$, and $x=14$; and thence $y=20$, and $z=5$. ∴ LOVE is the required Word.

Meſſ. E. Batten, Edw. Baily, Tho. Barker, Wm. Bell, William Brownell, Gervaſe Cliff, William Croſs, W. Fininley, Henry Fleck, Wm. Forreſter, W. Kingſton, W. Leſter, J. Punwell, Geo. Purſglove, Tho. Robinſon, B. Rotheram, Alex. Rowe, Rich. Skews, Cha. Sleight, W. Stephens, W. Vivar, Nicholas Williams, John Whiteley, James Young the Propoſer; and many others, ſent Solutions ſomething different from thoſe above: But all agree that the Cauſe of Mr. *Atkinſon's* Grief is nothing but LOVE.

(4.) Queſt. 322, anſwered by Mr. *Edward Bayley*, of *Leiceſter*.

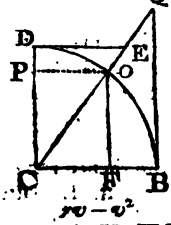
Put $a=42343959$, $b=1399180$; then by multiplying the ſecond Equation by x, and ſubtracting it from the firſt, we have $x^3y-x^2=a-bx$. Then $y=\frac{a+x^2-bx}{x^3}$; and

from the firſt given Equation: $y^2 = \frac{a+x^2}{x} \therefore \frac{a+x^2}{x} = \frac{\overline{a+x^2-bx}^2}{x^3}$ whence, by Reduction, we have $x^7+ax^5-x^4+2bx^3-b^2x^2-2ax^2+2abx=a^2$. Put into Numbers, and ſolved; gives $x=21$, and $y=1420$. Conſequently the Lady's Age is 21 Years, and her Fortune 1420 Pounds.

Conciſe and accurate Anſwers to this Queſtion, were alſo received from Meſſ. Tho. Atkinſon, Tho. Barker, Wm. Bell, Gervaſe Cliff, Polly Eadon, Wm. Fininley, Henry Fleck, Wm. Foſter, Wm. Kingſton, Wm. Leſter, John More, Wm. Philips, Tho. Robinſon, B. Rotheram, Alex. Rowe, R. Skews, Solomon Scott, Iſaac Tarratt, J. Thompſon, W. Vivar, John Whiteley, James Young, W. Browneil, and others, which for want of Room cannot be inſerted.

(5.) Queſt. 323, anſwered by Mr. *John Thompſon*, of *Witherly Bridge*.

Put BC$=r$, and CF=PO$=v$. Then BF$=r-v$, and (per Circle $\overline{r+v}\times\overline{r-v}=r^2-v^2=$ FO^2, and $\sqrt{r^2-v^2}=$FO$=$PC); and (per ſim. $\triangle$s) $v:r::r:\frac{r^2}{v}=$QC, and $\sqrt{r^2-v^2}:v::r:\frac{rv}{\sqrt{r^2-v^2}}=$DE; and $r^2-\frac{rv}{\sqrt{r^2-v^2}}\times r-v$, or $r-\frac{rv-v^2}{\sqrt{r^2-v^2}}=a$ Max. fluxed and reduced $\dot{v}^2-r\dot{v}=r^2$. $\square^c$ and Root extracted $v=\frac{r}{2}\sqrt{5}-\frac{r}{2}=24,7212=$CF $\therefore$ FB$=15,2788$, and FO$=31,4461$, from which the Area of the Canal BOF is eaſy had$=335,0354$ poles$=2$A. OR. 15 P.



The ſame anſwered by Mr. *Thomas Robinſon*, of *Biddick*.

Put $b=40=$CB; $x=$FO, $y=$CF; by ſim. Triangles $y:b::b:\frac{b^2}{y}=$ ſecant CQ; as $x:y::b:\frac{by}{x}=$ cotang. $\therefore \frac{b^2}{y}\times y-\overline{b-x}\times\frac{by}{x}$ is $=\frac{b^2x-b^2y+by^2}{x}=$ a Max. which

which is $\frac{b^2x-b^2\sqrt{b^2-x^2}+b^3-bx^2}{x}$; this in Fluxions $=$

$-\frac{2bx^2\dot{x}+\frac{b^2x^2\dot{x}}{\sqrt{b^2-x^2}}}{}-b^3\dot{x}+bx^2\dot{x}+b^2\dot{x}\sqrt{b^2-x^2}=0$. Reduced, $x^4+b^2x^2=b^4 \therefore x=\sqrt{b^2\sqrt{\frac{5}{4}}-\frac{b^2}{2}}=31,445=$ FO, $y=24,744$ Poles $=$ CF; hence FB $=15,256$; and the Area of the Garden is eaſily found.

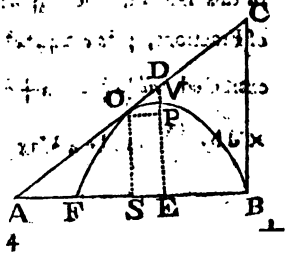
This Queſtion was alſo anſwered by Mr. W. Kingſton.

(6.) Queſt. 324, anſwered by Mr. *W. Viver.*

Put v for x^4, and the given Equations ($x^8+ax^4=y$, and $+ax^4-x^8=y$) will be transformed to $+v^2+av=y$. Now if we take the Fluxions of this Equation we ſhall have $+2v\dot{v}+a\dot{v}=\dot{y}$, and by taking the Fluxions a ſecond Time and ſuppoſing $\dot{v}$ invariable $+2\dot{v}^2=\ddot{y}$: this laſt Equation multiplied by $2\dot{y}$ becomes $+2\dot{v}^2\dot{y}=2\dot{y}\ddot{y}$; the Fluent of which ($+4\dot{v}^2y=\dot{y}^2$) corrected from the Conſideration that when $v=0$, $\dot{y}=a^2\dot{v}^2$, $a^2\dot{v}^2+4\dot{v}^2y=\dot{y}^2$; or $\dot{v}=\frac{\dot{y}}{\sqrt{a^2+4y}}$; whence by taking the Fluents a ſecond Time v will be found equal to $\pm\sqrt{\frac{a^2}{4}+y}=$ (by proper correction) to $\pm\sqrt{\frac{a^2}{4}+y}\pm\frac{a}{2}$; and conſequently $x\,(=\sqrt{v})=\pm\sqrt{\pm\sqrt{\frac{a^2}{4}+y}\pm\frac{a}{2}}$; the Truth of which is known from other Principles.

Anſwered alſo by Mr. A. Rowe, and by the Propoſer.

(7.) Queſt. 325, anſwered by Mr. *John Thompſon.*

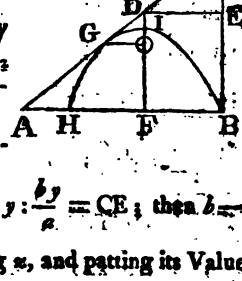


Put AB $=48=b$, BC $=36=c$, and the Sum of the Ordinates BE $+$ PO $=y$; then AS $=b-y$, and (per *St. m.* Conics prop. 19) $b:y::b-y:\frac{by-y^2}{b}=$ FS; and $\frac{BS-FS}{2}=PO=\frac{y^2}{2b}$. Alſo $b-y$

$+\frac{y^2}{2b}=\frac{2b^2-2by+y^2}{2b}=$ AE, and (per ſim. $\triangle s$) $b:c::z:\frac{2b^2-2by+y^2}{2b}:\frac{2b^2c-2bcy+cy^2}{2b^2}:=$DE, and $b:c::\frac{y^2}{2b}:\frac{cy^2}{2b^2}$ $=$DP; and (per Conics) $\frac{cy^2}{4b^2}=$DV $\therefore\frac{2b^2c-2bcy+cy^2}{2b^2}-\frac{cy^2}{4b^2}=VE=\frac{4b^2c-4bcy+cy^2}{4b^2}$; and FS$+SB=FB=\frac{2by-y^2}{b}$ $\therefore\frac{4b^2c-4bcy+cy^2}{4b^2}\times\frac{2by-y^2}{b}$ or $\overline{4b^2-4by+y^2}\times\overline{2by^2}$ or really $\times$'d $8b^3y-12b^2y^2+6by^3-y^4=$ a Max. which fluxed and reduced, gives $y^3-4.5by^2+6b^2y-2b^3=0$. Solved $y=24$. From which, and the above Equations, is eaſy had FB$=$36, and VE$=$20,25.

The ſame anſwered by Mr. *B, Rotheram*, †.

Put AB$=a=$48, BC$=b=$36, BF $=$FH$=y$, IF$=x$, and DI$=$OI$=z$, Now (per ſim. $\triangle s$) $b:a::2z:\frac{2az}{b}=$GO; and, by the property of the Parabola, $x:y^2::z:\frac{xy^2}{x}$ $=\overline{GO}^2$. $\left(\text{then }\frac{xy^2}{x}=\frac{4za^2}{b^2}\right)$ and again (per ſim. Triangles) $a:b::y:\frac{by}{a}=$CE; then $b-\frac{by}{a}=x+z$; now by exterminating z, and putting its Value in this laſt Equation, it will be, $b-\frac{by}{a}=x+\frac{b^2y^2}{4a^2x}$; cleared of Fractions, $4a^2bx=4a^2x^2+4abxy+b^2y^2$; the ſquare Root extracted $2ab^{\frac{1}{2}}x^{\frac{1}{2}}=2ax+by$, and $y=\frac{2ab^{\frac{1}{2}}x^{\frac{1}{2}}-2ax}{b}$; which $\times$'d by $\frac{2x}{3}$ muſt be a Max. (per Queſt.) therefore $b^{\frac{1}{2}}x^{\frac{1}{2}}-x^2$, will

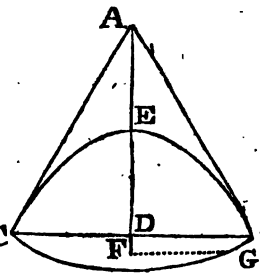


will be a Max. fluxed, $\frac{3b^{\frac{1}{2}}x^{\frac{1}{2}}\dot{x}}{2} - 2x\dot{x} = 0$. Reduced $\frac{9b}{16} = x = 20{,}25$ the Abſciſſa, and $2y = 36$, the Ordinate.

Meſſ. Tho. Barker, Wm. Brownell, Gerv. Cliff, Henry Fleck, George Gloſſop, Wm. Kingſton, Geo. Purſglove, Henry Tilney, W. Vivar, Ja. Young, J. Pegge and others, ſent Solutions to the above: but want of Room obliges us to proceed to the next Queſtion.

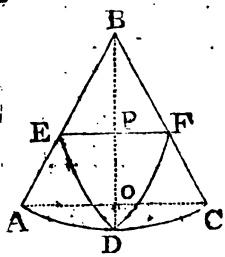
(8.) Queſt. 326, anſwered by Mr. *Gervaſe Cliff*, of *Ruddington*.

Put AB $= 20 = a$, AD $= 17{,}3205 = b$. BD $= 10 = c$, EF $= x$, FG $= y$; and $p =$ perameter of the Parabola; then $\overline{GH}^2 = py$, and AG $= 2y$ (per property of the Curve.) Now (per ſim. Δs) $4y^2 : py :: b^2 : c^2$; whence $y = \frac{b^2p}{4c^2} = \frac{3}{4}p$; and (per Circle's prop.) $a - y - x \times a + y + x = \overline{EF}^2 = px$, whence by ſubſtituting for y in this laſt Equation, and Reduction $\frac{1}{16}p^2 + 2\frac{1}{2}px = a^2 - x^2$; from whence $p = \frac{\overline{144a^2 + 256x^2}^{\frac{1}{2}}}{9} - 2\frac{2}{9}x$. But, $\frac{\overline{144a^2x^2 + 256x^4}^{\frac{1}{2}}}{9} - 2\frac{2}{3}x^2\Big|^{\frac{1}{2}} \times \frac{2}{3}x = a$ Max. (per Queſt.) or its Square $= \frac{2304ax^5 + 4096x^3}{81}\Big|^{\frac{1}{2}} - 80x^4$ is a Maximum in Fluxions $\frac{6912a^2x^5\dot{x} + 16384x^7\dot{x}}{\overline{2304a^2x^6 + 4096x^8}^{\frac{1}{2}}} - 320x^3\dot{x} = 0$. Which being reduced $x^4 + 224{,}24078x^2 - 215{,}75195x - 18225 = 0$; from which $x = 8{,}6602$. Whence it appears, that the greateſt Parabola that can be inſcribed in the Sector, is when GH coincides with BD; and the Abſciſſa $=$ half the ſubtang. AD.



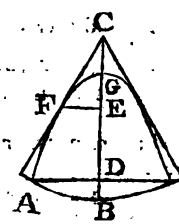
Mr.

Mr. *John Thompson* gives the following Solution to the same.



The $\angle ABC$ being 60°, the $\triangle ABC$ is equilateral ∴ put $BD=r$, and $DP=x$, then $BP=r-x$, and $OC=\frac{r}{2}$; and (per 47 Eu. 1.) $\sqrt{r^2-\frac{r^2}{4}}=BO=\frac{r}{2}\sqrt{3}$; and (per sim. $\triangle s$) $\frac{r}{2}\sqrt{3}:\frac{r}{2}::r-x:PF=\frac{rx-x^2}{\sqrt{3}}$; and $\frac{rx-x^2}{\sqrt{3}}$ or $rx-x^2=$a Max. Fluxed, and Reduced $x=\frac{r}{2}=10$. Which put for x into the value of PF above, we have $PF=\frac{r}{2\sqrt{3}}$ ∴ $EF=\frac{r}{\sqrt{3}}=11,547$.

But Mr. *Henry Tilney*, the Proposer, answers the same,



Thus; put $a=BC=20$, b and $c=$sine and cos. of the $\angle ECF$, $d=\frac{1}{2}x=FE$, and $y=GD$; then $b:x::c:\frac{cx}{b}=CE$ ∴ $\frac{cx}{2b}=GE$; and by the property of the Parabola $\frac{cx}{2b}:x^2::y:\frac{2byx^2}{c}=\overline{AD}|^2$. Again, by the property of the Circle $a-\frac{cx}{2b}-y\times x+\frac{cx}{2b}+y=\frac{2byx}{c}=\overline{AD}|^2$; whence $dy\times\frac{2byx}{c}=$ the Area of the Parabola, a Max. But from the Equation above $x=\sqrt{by^2+m}-ny$. (when $b=\frac{4b^2c^4+16b^2+16b^6}{c^6}-\frac{4b^2}{c^2}$, $n=\frac{4a^2b^2}{c^2}$, $m=\frac{2bc^2+4b^3}{c^2}$) which substituted for x and we have $dy\sqrt{2by\times\sqrt{by^2+m}-ny}$ a Maximum. In Fluxions,

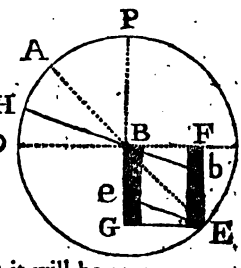
ions, &c. and reduced gives $\frac{2bd^4by^4+\frac{1}{2}bd^4my^6}{\sqrt{4b^2d^4by^8+4b^2d^4my^{10}}}-d^2z$ $=o$. Hence y may be eaſily found.

(9.) Queſt. 327, anſwered by Mr. *Iſaac Tarratt*, of *Epſom*, in *Surrey*.

Firſt $8^h\ 12'\ 36''\ 16'''\times 2$ = Length of the longeſt Day at *London*, whence $16^h\ 25'\ 12''\ 32'''\times\frac{8}{15}$ = Length of the ſhorteſt Day in the required Latitude $=8^h\ 45'\ 26''\ 40'''$; hence $1^h\ 37'\ 16''\ 40'''$ = Aſcenſ. Diff. $=24°\ 19'\ 10''$. Now put t=Tang. of $23°\ 29'$, and s=ſine of the Aſcenſ. Diff. Then $t:1::s:\frac{s}{t}=0{,}94783$ = Tang. of $43°\ 28'$ the Latitude required.

Anſwered alſo by Meſſ. T. Barker, W. Kingſton, A. Rowe.

(10.) Queſt. 328, anſwered by Mr. *George Sanderſon*, of *London*.

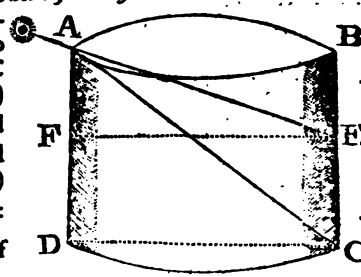


Let BFEG repreſent the Ciſtern; BF=EG=its Diameter; Fb the diſtance of the Shadow from the Top, when empty=6 Inches; and FE=20 Inches, the loweſt diſtance of the Shadow from the Top when full: Let HBb, be a ſingle Ray of Light falling upon FE, at b, when empty; and ABE the refracted Ray terminating in E. Put x=Bb, then (per *Martin's* Optics) it will be as $3:4::x:\frac{4x}{3}$=BE.

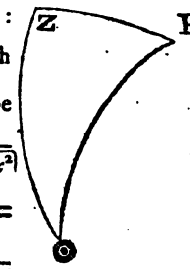
Let $Fb=a=6$, and $FE=c=20$; then (per 47 Eu. 1.) $x^2-a^2=\frac{16x^2}{9}-c^2$; from whence $x=21{,}633$, &c.=Bb, and $\sqrt{x^2-a^2}=20{,}78$=BF,=the Diameter; and the content in Ale Gallons=24,633. Having found Bb, BF, and the Angle BFb a right one, the Angle FBb, will be found by plane *Trigonometry* to be $=16°\ 6'\ 7''\ 30'''$=DBH=the Sun's Altitude; and by *Spherics*, the Time when this curious Aſtronomical Obſervation was made, will be found to be $18°\ 20'\ 14''=1^h\ 13'\ 20''\ 38'''$ A. M.

The

The same, answered by Mr. *William Tinsley*, of *Thorney-Abbey*.



Put BE = AF = 6 inches = a, AD = BC = 20 = c, and AB = FE = DC = x; then (per 47 E.1.) $\sqrt{a^2+x^2}$ = AE; and $\sqrt{c^2+x^2}$ = Diagonal AC. thence (per *Trig.*) $\sqrt{a^2+x^2}$: Rad. (1) :: $x : \frac{x}{\sqrt{a^2+x^2}}$ = s. ∠ of incidence AEB; and $\sqrt{c^2+x^2}$: Rad. :: $x : \frac{x}{\sqrt{c^2+x^2}}$ = s. ∠ of Refraction, which are proved by the Writers on *Optics* to be in the Ratio of 4 to 3; and ∴ $\frac{x}{\sqrt{a^2+x^2}} : \frac{x}{\sqrt{c^2+x^2}} :: 4 : 3$ ∴ $\frac{3}{\sqrt{a^2+x^2}} = \frac{4}{\sqrt{c^2+x^2}}$; and by Reduction $x = \frac{9c^2-16a^2}{7}^{\frac{1}{2}}$ = 20,78461 Inches, the Diameter of the Ciſtern; thence, by the common Methods of Gauging, the Content is 24,063501 Ale Gallons.



In the right angled △ AEF, x : Rad. :: a : T. ∠ AEF, = 16° 6′ 8″, the apparent Alt. of ⊙'s upper Limb; and by aſtronomical Tables, his Declination, on the apparent Noon of *Nov.* 21. 1768. was 20° 8′ 33″; and ſemidiameter = 16′ 21″, ∴ 16° 6′ 8″ — 3′ 3″, the Refraction of the Atmoſphere — 16′ 21″, ⊙'s ſemidiam. + 10″ his Parallax, gives 15° 46′ 54″ the true Altitude of the ⊙'s Center at the Time of Obſervation.

In the Spheric △ ⊙PZ, ⊙P = 110° 8′ 33″, ⊙'s Diſtance from the N. Pole; PZ = 38°, the co. Lat. and ⊙Z = 74° 13′ 6″, the co. Alt. Whence, by the 11 Caſe of *Spherics*, ∠P = 19° 47′ 12″ = 1h 19′ 9″ A. M. and 10h 40′ 51″ in the forenoon was the Time of Obſervation required.

Meſſ.

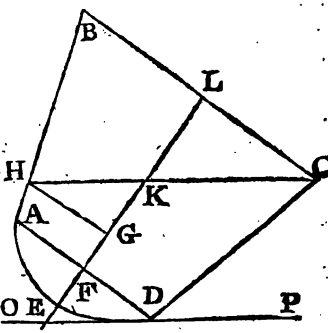
Meſſ. Tho. Barker, Hen. Fleck, Geo. Gloſſop, Wm. Kingſton, William Leſter, Ed. Parnell, B. Rotheram, John Thompſon, W. Vivar, W. Phillips, and others, ſent pretty Solutions to the above.

(11.) Queſt. 329, anſwered by Mr. *Tho. Atkinſon*, of *Ingham, Lincolnſhire.*

Taking the Cube Root of the given Equation, we have $1{,}5a\dot{x}\dot{y} - y\dot{x}\dot{y} = 3m^2\dot{x}$. Now (per Queſt.) $\dot{y} = \frac{2x^2\dot{x}}{3}$; which ſub. in the above, and properly reduced, we get $3a - 2yx^2 = 9m^2 \therefore y = \frac{3ax^2 - 9m^2}{2x^2}$.

Anſwered alſo by Mr. T. Barker and by the Propoſer.

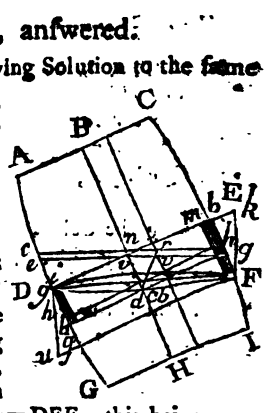
(12.) Queſt. 330, (or PRIZE QUEST.) anſwered by Mr. *Thomas Barker.*



Let ABCD be the ſemi-Caſk, and HC parallel to the Horizon OP, then will AHCD be the Ullage thereof. Put a=BL, b=AF, c=FL. and x=EF; then $c+x$=EL; whence as $x : b^2 :: c+x : a^2$; then $x = \frac{b^2c}{a^2-b^2}$. 2dly, Let a remain as before, and put c=KL which is known by Trigonometry) d=FK, b=EF, and x=FG; then $b+x$ EG; whence, by the property of the Curve, as $b : b^2 :: b+x : b\sqrt{\frac{b+x}{b}}$=GH. Again $d-x$=GK; whence (by ſim. Δs) as $c : a :: d-x : \frac{\overline{d-x}\times a}{c}$ =GH=$b\sqrt{\frac{b+\ldots}{b}}$ Whence (by a quadratic Equation) GH is known. Then the ſolidity of the ſemi-Zone CDEL—the ſolidity of the Priſm CKL, added to the ſemi Zone AHGF + the ſolidity of the Priſm HKG, will give the Ullage of the Caſk.

Mr.

Mr. Gervase Cliff, gives the following Solution to the same:



Let *ft*, *eb*, and FI ‖ DE; and *jb*, *fi*, *em*, and *cl* ⊥ *fe*, and *cb*; as also D*u*, and F*k* ⊥ DF the Surface of the Beer in the Cask. Then (per *Simp.* Geom 11. and 23. 4.) $Fa \times Da : Fo \times Do :: ae \times ab : co \times fo$. But (per Prop. of the Circle) $ae \times ab = \overline{ab}^2$; and $co \times fo = \overline{od}^2$; consequently $Fa \times Da : Fo \times Do :: \overline{ab}^2 : \overline{od}^2$, the property of the Ellipse.—Having discovered the Fig. of the Section, thro' *n*, and ‖ DF, draw *cc*; then it is evident that the Solid DF *cc* = DEF; this being premised; put $a^2 = 16838,7$ (the Square of the semi-ordinate of the generating Parabola) $b = 41 = Dr$, $c = ro = 20,8569$; m = sine, and n = cos. of the given angle (Rad. 1.) $x = og$. Then, $n : x :: m : \frac{mx}{n} = gF$, and (per prop. of the Curve) $gF = b - \frac{b}{a^2} \times c^2 + 2cx + x^2$; which two Values gF being made = each other, and Reduction $x = 18,8992$. Now put $gr = 39,45,61 = d$, or $18,58474 = e$, $cl = 20,34652 = b$, $p = 3,14159$, &c.; $ot = z$. Then $e : c :: z \frac{cz}{e} = os$, and (per prop. of the Curve) $b - \frac{b}{a^2} \times \frac{d^2c^2 - 2decz + c^2z^2}{e^2} = ee$; $b - \frac{b}{a^2} \times \frac{i^2c^2 + 2icez + c^2z^2}{e^2} = vn$ ($i = b - c$) and $b - \frac{b}{a^2} \times \frac{c^2e^2 - 2c^2ez + c^2z^2}{e^2}$ = semiconjugate Diam. of the Ellipse (& per Trig. &c.) $\frac{b}{m} - \frac{b}{a^2} \times \frac{a^2 + c^2 \times e^2 - dc - ic \times 2ez + 2c^2z^2}{2mb^2}$ = semitransverse; whence $\frac{pb^2}{2ma^4} \times \overline{2a^2 - d^2 - i^2 \times a^2 - c^2} \times \overline{e^4\dot{z} + 2a^2 - d^2 - i^2 \times 2c^2 + a^2 - c^2 \times e^2 - i^2 \times 2e^3z\dot{z} - a^2 - d^2 - i^2 + 2a^2 - c^2 - i \times e^2z^2\dot{z} - a - i \times c^3 + 4c^2ez^2\dot{z} + 2c^4z^3\dot{z}}$ = the Fluxion of the Solid DEF; whose Fluent, when $z = e$,

$x=e$, is $\frac{pb^2e}{2ma^4}\times\overline{2a^2-d^2-i^2}\times\overline{a^2-c^2}+2a^2d^2i^2\times c^2+a^2-c^2$

$\times\overline{d-i}\times\overline{c-2a^2-d^2}+i^2+2a^2-2c^2\times\frac{1}{3}c^3-2d-2i\times\frac{1}{3}c^3-$

$d-i\times\frac{1}{2}c^3-c^4+\frac{2}{5}c^4=$ its ſolidity $=379,20227$ Gallons, which taken from Half the Content of the Caſk, leaves 540, 32008 Gallons, the Quantity of Beer in the Caſk.

COROL. Hence the Theorem will hold, let the Angle of Elevation be what it will, by making $m=$ the ſine of the Angle.

New MATHEMATICAL QUESTIONS to be anſwered in the next Year's DIARY.

(1.) Queſt. 331, by Mr. *Tho. Adcock*, of *Aſhby-de-la-Zouch*.

At *Aſhby-de-la-Zouch*, a Maid does dwell,
Whoſe Wit, and Beauty very few excel:
Benevolent to all that's in Diſtreſs,
The Aged, Widow, and the Fatherleſs;
Her *Age*, and *Fortune*, you with Eaſe may find,
From theſe * Equations hereunto ſubjoined.

$$\left\{\begin{array}{l} xy+x^2=\ 28672 \\ yx^2+\frac{y}{x}=28311579 \end{array}\right\}$$ Where $x=$ her Age, and $y=$ her Fortune in Pounds.

(2.) Queſt. 332, by Maſter *William Barker*, of *Wiſſett*, in *Suffolk*.

If you (dear *Gents*) my *Age* would know,
Pray ſolve th'Equations here below:

Where x repreſents my Age in Years, y the Month; and z the Day I was born; given $x^3+1\times y=3896$; $y^3+1\times z=224$; and $z+1\times x=1,104$: to find x, y, and z?

(3.) Queſt. 333, by Mr. *Iſaac Tarratt*, of *Epſom* in *Surrey*.

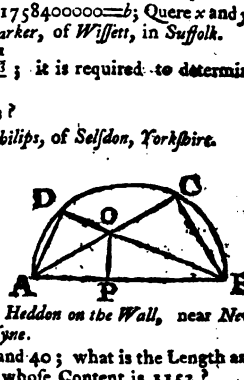
Given $x^2+y^4=130721=a$; $x^4y^5=39617584000000=b$; Quere x and y?

(4.) Queſt. 334, by Mr. *Thomas Barker*, of *Wiſſett*, in *Suffolk*.

Given the Expreſſion $\frac{x^2\div\overline{x\times b^3+x^3}^{\frac{2}{3}}}{\overline{a^3-x^3}^{\frac{1}{3}}}$; it is required to determine (if poſſible) the Fluent, in Finite Terms?

(5.) Queſt. 335, by Mr. *William Philips*, of *Selſdon*, *Yorkſhire*.

Given Two Chords of a Circle AD=20, BC=30; and the Perpendicular OP, =14 Inches; required the Diameter AB?



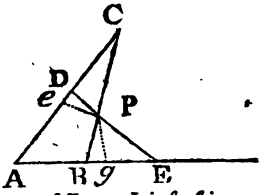
(6.) Queſt. 336, by Mr. *William Bell*, of *Heddon on the Wall*, near *New Caſtle upon Tyne*.

The Diameters of an Ellipſes, are 60, and 40; what is the Length and Breadth of an Oblong inſcribed therein, whoſe Content is 2152?

47. Queſt.

(7.) Queſt. 337. by Mr. *H. Tilney*, of *Harleſton*.

Given the Triangle ABC, and the Poſition of the Point P; it is required to draw the Line DE thro' the ſaid Point, and meeting the Side AB produced, in ſuch ſort, that the Sum of the Areas of the Two Triangles PCD, and PBE, may be equal to that of the Trapezium ADPB?



(8.) Queſt. 338, by Mr. *William Chapman*, of *Foxton*, *Leiceſterſhire*.

Suppoſe a Perſon has 17 Years to commence in an Eſtate of 40l. per ann. What is the Reverſion of ſuch an Eſtate for Ever worth, after the Expiration of the 17 Years; the Eſtate being ſold at 30 Years Purchaſe?

(9.) Queſt. 339, by Mr. *B. Rotheram*, Land Surveyor.

There is a triangular Pyramid ABCDF, whoſe Vertex terminates in the Line DC, and whoſe Perpendicular EF, of the Baſe is x; the vertical Line CD, x^2; the longeſt Side of the Baſe AB (upon which the Perpendicular falls), x^3; the Height DE, x^4; and the Solidity x^6: required the Dimenſions, and Solidity?

(10.) Queſt. 340, by Mr. *Alexander Rowe*, near *Penzance*.

At a certain Place in North Latitude, the Sun was ſeen to riſe at 5 o'Clock; and at 20 min. paſt 8, *Ante Meridiem*, his Altitude obſerved was tripple his Declination: Required, the Day of the Month, and Latitude of the Place?

(11.) Queſt. 341, by Mr. *Thomas Robinſon*, of *Biddick*, near *Durham*.

On *June* 21, 1768, at 6 o'Clock in the Morning, and at 10 o'Clock in the ſame Forenoon, the Difference of the Sun's Altitude was found to be 34° 49′ 38″. Quere, the Latitude of the Place of Obſervation?

(12.) Queſt. 342, by Mr. *William Kingſton*, of *Bath*.

Three Gameſters, A, B, and C, being at a Table, A had 220 before him, B 176; and C 154: But, on a Conſtable's coming, each endeavoured to take up his Money! But (in their Hurry) mixed it; each Man taking as much as he could: It afterwards appeared; that, if A laid down three fourths of what he caught; B, an half; and C a fourth; and then dividing the Sum laid down into three equal Parcels; then, each Man had his right Share of the Money. I demand, how much each Man caught?

(13.) Prize Queſtion, 343, by Mr. *John Thompſon*, Land Surveyor.

Let there be Two Quadrants; One the Quadrant of an Ellipſis, whoſe Semi-tranſverſe is 30, and Semi-conjugate 20. The other, a Quadrant of a Circle, whoſe Radius is 20, touching each other in their Vertices; ſo, that the Semi-tranſverſe, and Radius of the circular Quadrant, may make *One Right Line*. It is required to find the Dimenſions of the greateſt Parabola, that can be inſcribed in the Trilinear Space, formed by theſe Two Curves, and a Right Line touching them, in their other Two Vertices?

FINIS.

The LADIES' *Diary*:

OR —

Woman's ALMANACK,

For the YEAR of our LORD 1770.

Being the Second after BISSEXTILE, or LEAP-YEAR.

Containing New Improvements in ARTS and SCIENCES,
And many Entertaining PARTICULARS:
Designed for the *Use* and *Diverſion* of the

FAIR-SEX.

The Sixty-Seventh ALMANACK publiſh'd of this Kind.

VERTUE and SENSE, with FEMALE-SOFTNESS join'd,
(ALL that ſubdues and captivates Mankind!)
In BRITAIN's Matchleſs FAIR reſplendent Shine;
THEY rule LOVE's Empire by a Right-Divine:
Juſtly their Charms the aſtoniſh'd World admires,
Whom *Royal* CHARLOTTE's bright Example fires.

Printed for the Company of STATIONERS. 1770.

First Quarter, 3d, at nooh
Full Moon, 10th, 56 m. paſt 3 morn.
Laſt Quarter, 17th, at 1 aftern.
New Moon, 25th, 57 m. paſt 3 aftern.

Sun enters ♓ 18th. 0 h. 42 m. Apparent Time.

M. D.	W. D.	Sundays, Holydays, &c.	Sun riſes.	Sun ſets.	Sun's Decl.	☽ riſes and ſets	☽'s Age
1	T		7 27	4 33	17 2	11 A24	6
2	F	Purif. *or*, Candle-Maſs-Day	25	35	16 45	Morn.	7
3	S	On Mor. of Purif. 3 Ret	23	37	27	0 42	8
4	G	2 Sunday after Epiphany	21	39	9	1 58	9
5	M	*Agatha*, Martyr	20	40	15 51	3 9	10
6	T		18	42	32	4 13	11
7	W		16	44	14 5	4	12
8	T		15	45	14 55	47	13
9	F	In 8 days of Purif. 4 Ret.	13	47	35	6 18	14
10	S		11	49	15	☽ riſes	15
11	G	Septuageſima Sunday	9	51	13 57	7 A11	16
12	M	TERM Ends.	7	53	35	8 27	17
13	T	Old Candle-Maſs-Day	5	55	17	9 43	18
14	W	*Valentine*, B. and M.	3	57	12 56	10 55	19
15	T		1	59	36	Morn.	20
16	F		6 59	5 1	15	0 6	21
17	S		58	2	11 54	1 3	22
18	G	Sexageſima-Sunday	56	4	33	2 14	23
19	M		54	6	11	3 4	24
20	T		52	8	10 50	52	25
21	W		50	10	28	4 27	26
22	T		48	12	6	56	27
23	F		46	14	9 44	5 27	28
24	S	St. MATTHIAS	44	16	22	51	29
25	G	Quinquag. Shrove-Sund.	42	18	0	☽ ſets	30
26	M		40	20	8 37	6 A43	1
27	T	Shrove-Tueſday	38	22	15	7 58	2
28	W	Aſh-Wedneſday	36	24	7 52	9 13	3

Days	L. of D.	Day incr	D. breaks	Sun Eaſt.	Tw. ends	Clo bef. S.	Stars So.
1	9 6	1 22	5 31	5 4	6 29	14 12	6 A 32
6	24	40	23	9	37	40	11
11	42	58	15	15	45	46	5 51
16	10 1	2 17	6	20	54	35	32
21	20	36	4 57	26	7 3	4	13
26	40	56	48	32	12	13 19	4 54

1770. March hath XXXI Days. [38. 35 Degrees.]

First Quarter, 4th, 55 m. past 8 night
Full Moon, 11th, 6 m. past 4 aftern.
Last Quarter, 19th, 54 m. past 9 morn
New Moon, 27th, 4 m. past 6 morn.

Sun enters ♈ 20th. 1 h. 21 m.

						Apparent Time.			
1	T	*David*, A. B. of *Minevia*	0	34	26	7 29	10 A2		4
2	F			32	28	6	11 46		5
3	S			30	30	6 43	Morn.		6
4	G	Quadrag. 1 Sund. in Lent		28	32	20	1 2		7
5	M	Ps. of HESSE Born 1722		26	34	5 57	2 6		8
6	T			24	36	34	3 1		9
7	W	Ember Week. *Perpetua*		22	38	11	46		10
8	T			20	40	4 48	4 19		11
9	F			18	42	25	48		12
10	S			16	44	1	5 14		13
11		2 Sunday in Lent		14	46	3 38	D rises		14
12	M	*Gregory*		12	48	14	7 A25		15
13	T			10	50	2 50	8 39		16
14	W			8	52	27	9 52		17
15	T			6	54	3	10 58		18
16	F			4	56	1 39	Morn.		19
17	S	St. *Patrick*		2	58	16	0 4		20
18	G	3 Sund. in Lent. *Edward*		0	6 0	0 52	52		21
19	M		5	58	2	28	1 49		22
20	T	Equal Day and Night		56	4	4	2 31		23
21	W	*Benedict*,		54	6	0N19	3 7		24
22	T			52	8	43	35		25
23	F			50	10	1 6	59		26
24	S			48	12	30	4 21		27
25	G	Midlent-Sund. Lady-Day		46	14	54	5 11		28
26	M			44	16	2 17	6 7		29
27	T			43	17	41	D sets		30
28	W			41	19	3 4	8 23		1
29	T			39	21	27	9 41		2
30	F			37	23	51	10 58		3
31	S			35	25	4 14	Morn.		4

Days	L. of D.	Day inter.	D. breaks	Sun East.	Tw. ends	Clo. bef. S.	7 Stars So.
1	10 52	3 8	4 43	5 36	7 27	12 45	4 A43
6	11 12	28	32	41	28	11 38	25
11	32	48	21	48	39	10 20	7
16	52	4 8	11	56	49	8 54	3 48
21	12 12	28	0	6 1	8 0	7 25	30
26	21	47	3 48	7	12	5 52	12

First Quarter, 3d, 7 m. past 3 morn.
Full Moon, 10th, 5 m. past 4 morn.
Last Quarter, 18th, 6 m. past 5 morn.
New Moon, 25th, 4 m. past 5 aftern.

Sun enters ♉ 19th. 14 h. 26 m. Apparent Time.

1	G	5 Sunday in Lent	5	33	6	27	4	37		0 M	6	5
2	M			31		29	5	0		1	4	6
3	T	*Richard*, Bp. of *Chicheſter*		29		31		23			52	7
4	W	St. *Ambroſe*		27		33		46		2	29	8
5	T	Old Lady-Day		25		35	6	9			58	9
6	F	Cam. Term Ends		23		37		32		3	26	10
7	S	Oxf. Term Ends		21		39		55			48	11
8	G	Palm-Sunday		19		41	7	17		4	11	12
9	M			17		43		40			33	13
10	T			15		45	8	2		☽ rises		14
11	W			13		47		24		8	48	15
12	T	Maundy-Thurſday		11		49		46		9	56	16
13	F	GOOD-FRIDAY		9		51	9	8		10	55	17
14	S			7		53		29		11	47	18
15	G	EASTER-DAY.		5		55		51		Morn.		19
16	M	Eaſter-Monday.		3		57	10	12		0	35	20
17	T	Eaſter-Tueſday.		1		59		33		1	12	21
18	W		4	59	7	1		54			41	22
19	T	*Alphage*		57		3	11	15		2	9	23
20	F			55		5		35			31	24
21	S			54		6		56			53	25
22	G	1 S. aft. Eaſt. Low-Sund.		52		8	12	16		3	12	26
23	M	St. GEORGE, Martyr		50		10		36			33	27
24	T			49		11		56			54	28
25	W	St. MARK, Evan. Oxf.		47		13	13	15		☽ ſets		29
26	T	and Camb. Terms Beg.		45		15		34		8	43	1
27	F			43		17		54		9 A	57	2
28	S			41		19	14	13		11	3	3
29	G	2 Sunday after Eaſter		40		20		32		11	56	4
30	M	From Eaſt. in 15 D. 1 Ret.		38		22		51		Morn.		5

Days	L. of D.	Day Inc.	D. breaks	Sun Eaſt	Tw. ends	C. bef. S.	7 Stars So.
1	12 55	5 11	3 32	6 15	8 28	4 0	2 A 50
6	13 15	31	20	21	40	2 28	32
11	34	50	5	27	55	1 2	15
16	53	6 9	3 53	33	9 7	0 A 16	1 55
21	14 12	28	39	39	21	1 25	36
26	30	46	23	44	37	2 23	17

First Quarter, 2d, 54 m. past 9 morn.
Full Moon, 9th, 56 m. past 5 aftern.
Last Quarter, 17th, 55 m. past 9 night
New Moon, 25th, at 1 morn.
First Quarter, 31st, 53 m. past 3 aftern.

Sun enters ♊ 20th. 15 h. 20 m. Apparent Time.

1	T	St. Philip *and* James	4	36	7	24	15	9	o M	37	6
2	W	Easter TERM Begins		34		26		27	1	9	7
3	T	Invention of ✠		32		28		44		36	8
4	F			31		29	16	2		59	9
5	S			30		30		19	2	21	10
6	G	3 Sunday after Easter		28		32		36		38	11
7	M	From Easter in 3 Weeks,		27		33		52	3	4	12
8	T	[2 Ret.		25		35	17	9		29	13
9	W			23		37		25	☽ rises		14
10	T			22		38		40	8 A	47	15
11	F			20		40		56	9	46	16
12	S	Old May-Day		18		42	18	9	10	34	17
13	G	4 Sunday after Easter		17		43		26	11	15	18
14	M	From Eaſt. in 1 Mo. 3 Ret.		15		45		41	Morn.		19
15	T			14		46		56	0	13	20
16	W			12		48	19	10		35	21
17	T			11		49		23		56	22
18	F			9		51		36	1	15	23
19	S	Q. Charl. Bo. 1744. *Dunſt.*		8		52		49		38	24
20	G	5 Sun. aft. Eaſt. Rog. Sun.		6		54	20	2		59	25
21	M	From Day of Easter in 5 W.		5		55		14	2	22	26
22	T	[4 Ret.		3		57		26		48	27
23	W			2		58		38	3	27	28
24	T	Christ's Aſc. Holy Thurſ.		1		59		49	☽ ſets		29
25	F	On mor. of Aſcen. 5 Ret.		0	8	0	21	0	9 A	47	30
26	S		3	59		1		11	10	36	1
27	G	6 S. aft. Eaſt. Ven. *Bede*		58		2		21		44	2
28	M	TERM Ends		57		3		31	11	9	3
29	T	K. Ch. II. Reſt. 1660.		56		4		40		38	4
30	W			55		5		49	Morn.		5
31	T	Oxford Term Ends		54		6		58	0	5	6

Days	L. of D.		Day Inc.		D. breaks		Sun East		Tw. ends		C. aft. S.		7 Stars So.	
1	14	48	7	4	2	6	6	50	9	55	3	8	o A	58
6	15	5		21	1	51		55	10	11		41		39
11		21		37		29	7	0		34		59		30
16		36		52		6		4		57	4	8		1
21		50	8	6	0	30		8	11	40	3	51	21 M	41
26	16	1		19	NoNight			12	NoNight		2	26		20

Full Moon, 6th, 8 m. past 9 morn.
Last Quarter, 16th, at noon
New Moon, 23d, 5 m. past 8 morn.
First Quarter, 25th, at midnight

Sun enters ♋ 21st. 0 h. 24 m. Apparent Time.

1	F	*Nicom.* Prince and Martyr	3	52	8	8	22	9	0	M	26	7
2	S			51		9		14			47	8
3	G	WHIT-SUNDAY		50		10		21	1		6	9
4	M	K. GEO. III. Born 1738		49		11		28			33	10
5	T	Whit-Tuesday. *Boniface*		48		12		35			57	11
6	W	Ember Week		48		12		41	2	☌	28	12
7	T			47		13		48	3		4	13
8	F			47		13		54	☽	rises		14
9	S	[Born 1711		46		14		59	9	A	7	15
10	G	Trinity-Sund. Ps. Amelia		46		14	23	4			38	16
11	M	St. Barnabas. On mor. of		45		15		8	10		13	17
12	T	[H. Tr. 1 Ret.		45		15		12			37	18
13	W	Oxford Term Begins		44		16		15			58	19
14	T	*Corpus Christi*		44		16		18	11		17	20
15	F	Trinity TERM Begins		44		16		21			36	21
16	S			43		17		23			57	22
17	G	1 S. aft. Trin. St. *Alban*	Longest Day at *Lond.*					26	Morn.			23
18	M	In 8 days of H. Tr. 2 Ret.	is 16 h. 35 m. 6 sec.					27	0		13	24
19	T							28			44	25
20	W	*Edward*	allowing 9 m. 54 sec.					29	1		15	26
21	T	Longest Day	for Refraction.					29			56	27
22	F							28	2		48	28
23	S	[Midsum. Day						28	☽	sets		29
24	G	2 S. aft. Tr. St. John Bap.		43		17		27	9	A	2	1
25	M	In 15 days of Holy Trin.		44		16		26			35	2
26	T	[3 Ret.		44		16		24	10		1	3
27	W			44		16		23			24	4
28	T			44		16		20			47	5
29	F	St. Peter *and* St. Paul		43		15		16	11		8	6
30	S			43		15		13			31	7

Day	L. of D.	Day incr.		Sun East			Clo. aft. S.		7 Stars So.	
1	16 16	8	32	7	16		2	43	10 M	56
6	24		40		18		1	54		36
11	30		46		19		0	58		16
16	34		50		20		0 b.	4	9	55
21	35		51		20		1	7		34
26	34	decr.	1		20		2	12		14

No real Night but const. Day-light or Twil.

No real Night but const. Day-light or Twil.

[59. 82. Degrees.]

Full Moon, 7th, at midnight
Last Quarter, 15th, 54 m. past 10 night
New Moon, 22d, at 4 aftern.
First Quarter, 29th, at noon

Sun enters ♌ 22d. 11 h. 23m. Apparent Time.

1	G	3 Sunday after Trinity	3	46	8	14	23	5	1	A 54	8
2	M	Visit. B. V. *M.* In 3 Weeks		46		14		5	Morn.		9
3	T	Cam. Com. [H. Tr. 4 Ret.		47		13		0	0	23	10
4	W	*Martin*, B. [TERM Ends		47		13	22	55	0	52	11
5	T	Old Midsummer Day		48		12		49	1	39	12
6	F	Exch. Term Ends		49		11		43	2	28	13
7	S			50		10		37	☽ rises		14
8	G	4 Sunday after Trinity		50		10		30	8	A 12	15
9	M	Uniform Act		51		9		23		39	16
10	T			52		8		16		59	17
11	W			53		7		9	9	20	18
12	T			54		6		0		39	19
13	F			55		5	21	52		58	20
14	S	Qu. Term Ends		56		4		43	10	18	21
15	G	5 S. aft. Trin. *Swithin*		57		3		34		38	22
16	M			58		2		24	11	9	23
17	T			59		1		13		43	24
18	W		4	0		0		3	Morn.		25
19	T			2	7	58	20	52	0	27	26
20	F	*Margaret*		3		57		42	1	25	27
21	S			4		56		30	2	36	28
22	G	6 S. aft. Tr. Q. of Den-		6		54		18		48	29
23	M	[mark Bo. 1751.		7		53		6	☽ sets		1
24	T			8		52	19	54	8	A 24	2
25	W	St. JAMES, Apostle		10		50		41		47	3
26	T	St. *Anne*, Mother of V. M.		11		49		28	9	10	4
27	F			13		47		14		32	5
28	S			14		46		0		57	6
29	G	7 Sunday after Trinity		15		45	18	46	10	25	7
30	M	Dog-Days Begin		17		43		32		57	8
31	T			18		42		17	11	36	9

Days	L. of D.	Day dec.	D. breaks	Sun East.	Tw. ends.	Clo. bef. S	☽ Stars Se
1	16 29	0 8		7 19		3 12	8 M 53
6	23	12	No real	18	No real	4 7	33
11	15	20		16		52	12
16	5	30	Night.	13	Night.	5 27	7 52
21	15 55	48		9		49	32
26	39	56	0 48	5	11 4	57	12

ull Moon, 6th, 7 m. paſt 3 aftern.
aſt Quarter, 14th, at 8 morn.
ew Moon, 20th, at 6 m. paſt 11 night
irſt Quarter, 28th, at 2 morn.

Sun enters ♍ 22d. 17 h. 40 m. Apparent Time.

W	Lammas-Day	4	19	7	41	18	2	Morn.	10
T			21		39	17	48	0 22	11
F			22		38		32	1 16	12
S			24		36		16	2 15	13
G	8 Sunday after Trinity		25		35		0	3 17	14
M	*Transfiguration*		27		33	16	43	☽ riſes	15
T			28		32		26	7 A25	16
W			30		30		9	46	17
T			32		28	15	52	8 5	18
F	St. *Laurence*		34		26		35	26	19
S	Ps. of Brunſwick B. 1737		35		25		17	47	20
G	9 S. aft. Tr. Pr. of Wales B.		37		23	14	59	9 10	21
M	[Old Lammas-Day		39		21		40	45	22
T			40		20		22	10 26	23
W	*Aſſumpt. B. Virgin* Mary		42		18		3	11 14	24
T	Pr. Frederick Born 1763		44		16	13	45	Morn.	25
F			46		14		26	0 17	26
S			47		13		7	1 31	27
G	10 Sunday after Trinity		49		11	12	47	2 53	28
M			51		9		27	☽ ſets	29
T	Pr. Wil. Hen. Born 1765		53		7		7	6 A51	1
W			55		5	11	47	7 15	2
T			57		3		27	38	3
F	St. Bartholomew, Apoſtle		59		1		6	8 4	4
S		5	1	6	59	10	45	31	5
G	11 Sunday after Trinity		2		58		25	9 3	6
M	St. *Auguſtine*		4		56		3	40	7
T	St. John Baptiſt *Beheaded*		6		54	9	22	10 25	8
W			8		52		21	11 16	9
T			10		50	8	59	Morn.	10
F			12		48		38	0 12	11

L. of D.	Day dec.	D. breaks	Sun Eaſt	Tw. ends	C. beſ. S.	7 Stars So.
15 22	1 13	1 23	7 0	10 36	5 48	6 M 48
6	29	43	6 55	15	22	29
14 48	45	2 1	50	9 57	4 43	10
32	2 3	19	45	40	3 51	5 52
14	21	34	39	25	2 45	32
13 55	40	49	34	10	1 26	14

Full Moon, 5th, 9 m. paſt 6 morn.
Laſt Quarter, 12th, at 3 aftern.
New Moon, 16th, 6 m. paſt 8 morn.
Firſt Quarter, 26th, at 8 night

Sun enters ♎ 22d. 13 h. 52 m. Apparent Time.

1	S	*Giles*, Abbot	5	14	6	46	8	16	1 M	11
2	G	12 S. aft. Tr. LONDON		16		44	7	54	2	19
3	M	[Burnt, 1666, O. S.		17		43		32	3	22
4	T			19		41		10	4	28
5	W			21		39	6	47	☽ rises	
6	T			23		37		25	6 A	38
7	F	Dog-Days End		25		35		2		59
8	S	*Nativity of B. V.* Mary		27		33	5	40	7	26
9	G	13 Sunday after Trinity		29		31		17		55
10	M			31		29	4	54	8	32
11	T			33		27		31	9	18
12	W			35		25		8	10	15
13	T			37		23	3	45	11	22
14	F	*Holy-Rood-day*		39		21		22	Morn.	
15	S			41		19	2	59	0	37
16	G	14 Sunday after Trinity		43		17		36	1	56
17	M	*Lambert*, Biſhop		45		15		13	3	19
18	T			47		13	1	50	4	42
19	W	Ember Week		49		11		27	☽ ſets	
20	T			51		9		3	6 A	10
21	F	St. Matthew, Apoſtle		53		7	0	30		38
22	S	K. George III. Cor. 1761		55		5		17	7	9
23	G	15 S. aft. Tr. Equal Day		57		3	0 S	8		40
24	M	[and Night		59		1		30	8	27
25	T	*Cyprian*	6	1	5	59		55	9	15
26	W			3		57	1	17	10	9
27	T			5		55		40	11	10
28	F	Aug. Mat. Bo. 1766		7		53	2	4	Morn.	
29	S	St. MICHAEL Ps. Char.		9		51		28	0	43
30	G	16 Sunday after Trinity		11		49		51	1	18

Days	L. of D.		Day dec.		D. breaks		Sun Eaſt.		Tw. ends		Clo. aft. S.		7 Stars So	
1	13	32	3	3	3	6	6	7	8	53	0	2	4 M	52
6		14		21		20		21		39	1	58		24
11	12	54		41		33		14		25	3	36		16
16		34	4	1		44		8		15	5	21	3	58
21		14		21		55		2		4	7	5		41
26	11	54		41	4	6	5	56	7	52	8	48		22

1770. October hath XXXI Days. [48. 60 Deg.]

Full Moon, 4th. 54 m. past 7 night
Last Quarter, 11th, at 10 night
New Moon, 18th, 56 m. past 6 night
First Quarter, 26th, at 4 aftern.

Sun enters ♏ 22d. 2h. 27 m. Apparent Time.

1	M	*Remigius*, Bishop	6	12	5	48	3	15		2 M 25		12
2	T			14		46		38		3	33	13
3	W			16		44	4	1		4	41	14
4	T			18		42		24	☽	rises		15
5	F			20		40		47		5 A 40		16
6	S	*Faith*, Virgin and Martyr		22		38	5	11		6	7	17
7	G	17 Sunday after Trinity		24		36		34			44	18
8	M			26		34		57		7	27	19
9	T	St. *Dennis*		28		32	6	20		8	21	20
10	W	Old Mich. Day. ♎ and		30		30		43		9	15	21
11	T	[Cam. Terms B.		32		28	7	6		10	38	22
12	F			34		26		28		11	54	23
13	S	*Edward*, King and Martyr		36		24		50		Morn.		24
14	G	18 Sunday after Trinity		38		22	8	13		1	12	25
15	M			40		20		35		2	32	26
16	T			42		18		57		3	50	27
17	W	*Etheldred*, Virgin		44		16	9	20		6	9	28
18	T	St. LUKE, Evangelist		46		14		42	☽	sets		29
19	F			48		12	10	4		5 A 16		1
20	S			50		10		26		5	50	2
21	G	19 Sunday after Trinity		52		8		47		6	29	3
22	M			54		6	11	8		7	14	4
23	T			56		4		30		8	5	5
24	W	[*Crispin*		58		2		51		9	7	6
25	T	K.G.III. Accession 1760.	7	0		0	12	11		10	8	7
26	F	K. GEO. III. Proel. 1760		2	4	58		32		11	11	8
27	S			4		56		52		Morn.		9
28	G	20 S. aft. Trin. St. Simon		6		54	13	12		0	32	10
29	M	[*and* St. Jude Ap.		7		53		32		1	21	11
30	T			9		51		52		2	28	12
31	W			11		49	14	12		3	39	13

Days	L. of D.		Day dec.		D. breaks		Sun East.		Tw. ends.		Clo. aft. S.		7 Stars	
1	11	36	4	59	4	18	5	50	7	42	10	26	♐ M	5
6		16	5	19		29		44		31	11	56	2	47
11	10	56		39		39		37		21	13	16		28
16		36		59		49		31		11	14	25		9
21		17	6	18		58		25		1	15	19	1	51
26	9	57		37	5	7		19	6	52		55		30

Full Moon, 3d, 7 m. paſt 9 morn.
Laſt Quarter, 10th, at 5 morn.
New Moon, 17th, 5 m. paſt 10 morn.
First Quarter, 25th, at 1 aftern.

Sun enters ♐ 21ſt, 17 h. 18m. Apparent Time.

1	T	All Saints	7	12	4	48	14	31	4	M48		14
2	F	P. Ed. B. 1767. All Souls		14		46		50	5	3		15
3	S	On mor. of All Souls, 1 Ret.		15		45	15	9	☽	rises		16
4	G	21 Sunday after Trinity		17		43		28	5	A26		17
5	M	Powder-Plot, 1605, O. S.		19		41		46	6	15		18
6	T	Mich. TERM Begins		21		39	16	5	7	9		19
7	W	D. of Cumb. Born 1745.		23		37		23	8	29		20
8	T	Ps. Soph. Aug. Bo. 1768		25		35		40	9	44		21
9	F	Ld. Mayor's Day at *Lond.*		27		33		57	11	2		22
10	S			29		31	17	14	Morn.			23
11	G	22 S. aft. Tr. *Martin*		30		30		31	0	15		24
12	M	On mor. S. *Martin*, 2 Ret.		31		29		47	1	38		25
13	T	*Britius*, Biſhop		33		27	18	3	2	54		26
14	W			35		25		19	4	9		27
15	T	*Machutus*, Biſhop		36		24		34	5	22		28
16	F			38		22		49	6	23		29
17	S	*Hugh*, Biſhop of *Lincoln*		39		21	19	4	☽	ſets		30
18	G	23 Sunday after Trinity		40		20		19	5	3		1
19	M	In 8 days of S. *Martin*. 3 Ret.		42		18		34	5	55		2
20	T	*Edmund*, King and Martyr		43		17		47	6	51		3
21	W			45		15	20	1	7	50		4
22	T	*Cecilia*, Old Martinmaſs-D.		47		13		14	8	53		5
23	F	St *Clement*		48		12		26	9	56		6
24	S	[Bo. 1743.		49		11		38	11	1		7
25	G	24 S. aft. Tr. D. of Glo.		50		10		50	11	57		8
26	M	In 15 days of St. *Martin*,		51		9	21	1	0	M 8		9
27	T	[4 Ret.		52		8		12	1	14		10
28	W	Michaelmas TERM Ends		53		7		23	2	22		11
29	T			54		6		33	3	32		12
30	F	St. And. Ps. Dow. B. 1719		56		4		43	4	45		13

Days	L. of D.		Day dec.		D breaks	Sun Eaſt.		Tw. ends.		Clo. aft. S.		♀ Stars So	
1	9	36	6	59	5 16	5	13	6	44	15	14	1	M 9
6		28	7	17	23		7		37		7	0	49
11		0		35	30		2		30	15	42		29
16	8	44		52	36	4	57		24	14	54		8
21		30	8	5	42		53		18	13	46	11	43
26		18		17	48		49		12	12	18		32

[38. 00 Degrees.]

Full Moon, 2d, 56 m. paſt 9 night
Laſt Quarter, 9th, at 1 aftern.
New Moon, 17th, 54 m. paſt 2 morn.
Firſt Quarter, 25th, at 8 morn.

Sun enters ♑ 21ſt. 5 h. 22 m. Apparent Time.

1	S		7	57	4	3	21	53	6	M	42	14
2	G	Advent-Sunday		58		2	22	2	☽	rises		15
3	M			59		1		11	4	A	55	16
4	T	*Barbara*	8	0		0		19	6		5	17
5	W			1	3	59		27	7		21	18
6	T	*Nicholas*, Biſhop		2		58		34	8		42	19
7	F			3		57		40	10		2	20
8	S	*Concep.* B. V. M.		3		57		47	11		20	21
9	G	2 Sunday in Advent		4		56		51	Morn.			22
10	M			5		55		59	0		36	23
11	T			5		55	23	4	1		51	24
12	W			6		54		8	3		3	25
13	T	*Lucy*, Virgin and Martyr		6		54		13	4		13	26
14	F			7		53		16	5		22	27
15	S			7		53		19	6		25	28
16	G	3 Sunday in Advent		7		53		22	7		20	29
17	M	Oxf. & Cam. Terms End		8		52		25	☽	ſets		30
18	T			8		52		27	5	A	31	1
19	W	Ember-Week		8		52		28	6		32	2
20	T			8		52		29	7		35	3
21	F	St. Thomas. Shorteſt Day		8		52		29	8		37	4
22	S			8		52		29	9		43	5
23	G	4 Sunday in Advent.		8		52		28	10		47	6
24	M			8		52		27	11		44	7
25	T	CHRIST-MASS-DAY		8		52		25	Morn.			8
26	W	St. STEPHEN		7		53		22	1		2	9
27	T	St. JOHN		7		53		19	2		11	10
28	F	Holy Innocents		7		53		16	3		24	11
29	S			6		54		13	4		36	12
30	G	1 Sund. after Chriſtmas		6		54		8	5		45	13
31	M	*Sylveſter*		5		55		4	6		47	14

Days	L. of D.		Day decr.		D. breaks		Sun Eaſt.		Tw. ends		Clo. aft. S.		Stars do.	
1	8	6	8	29	5	54	4	46	6	6	10	31	11	A 1
6	7	57		38		57		43		3	8	27	10	39
11		50		45		58		41		2	6	12		17
16		46		49		59		40		1	3	40	9	55
21		44		51	6	0		40		0	1	18		33
26		46	Incr.	2	5	59		40		1	1	b. 13		1

CHRONOLOGY and ECLIPSES in 1770.

Golden Number	4	Shrove-Tuesday	*Feb.* 27
Cycle of the Sun	15	Easter-Day	*April* 15
Epact	3	Whit-Sunday	*June* 3
Roman Indiction	3	Trinity-Sunda	*June* 10
Dominical Letter	G	Advent-Sunda	*Dec.* 2

ECLIPSES in 1770.

THERE will happen only Two *Eclipſes* this YEAR; both of the *Sun*, and Inviſible in *Europe*.

The *Firſt*, on *Friday* the 25th Day of *May*, at 2 in the Morning, Viſible in *America*, towards the Tropic of *Cancer*.

The *Second*, on *Saturday* the 17th Day of *November*, at 10 in the Morning, Viſible in the Southern Parts of *Africa* and *America*.

J. KEACH.

On the 28th of *Auguſt*, *Jupiter* will be occulted by the *Moon*, according to the following Computation for *Greenwich* Obſervatory, *viz.* Immerſion 11 h. 39′ 20″, and Emerſion 11 h. 57′ 47″ Apparent Time.

REUBEN ROBINS.

ANSWERS to the ÆNIGMA's in 1769.

I. *A* WINDSOR CHAIR.
II. LEAD.
III. *The* PLURAL NUMBER.
IV. *A* QUARTER-GUINEA.
V. *A* GATE.
VI. PANES OF GLASS.
VII. *A* BOTTLE-SCREW.
VIII. *A* MONOSYLLABLE.
Prize. COFFEE.

The Prize-Ænigma *anſwered by Miſs* Amelia Stanhope.

Celinda with a graceful Eaſe,
COFFEE preſents each Sex to pleaſe.

The ſame anſwer'd by Miſs Polly Pinkney.

Moſt *Belles* like Tea, ſome Chocolate eſteem;
But I'm for COFFEE, with delicious Cream.

The ſame anſwer'd by Horatio.

Tho' writ with Art, *Celinda*, yet
So plain I gueſs your Prize,
That I'll a Pot of COFFEE bet
'Tis now before your Eyes.

The ſame anſwer'd by Mr James Mills.

My dear Miſs * *Hays*, how ſweet thoſe Lines do flow
With which *Celinda* doth oblige us now:
Now, ſweet *Fair*, I could delight to ſee
Both her and you, to take a DISH † with me.

* *Conundrum.* † *Of* COFFEE.

The

ANSWERS to the ÆNIGMA's in 1769.

The ſame anſwered by Dick Skin, *of* Stony-Stratford.

Exhauſted of their Fund of Chat,
(As Folks long married may,)
Sir *Simon* and my *Lady* ſat,
2d. Not knowing what to ſay.
Juſt then from Market, to prevent
A total void of Thought,
The next Year's Almanacks were ſent,
And *John* my *Ladies'* bought.

The *Prize* the happy Couple pezed,
Each gueſſed and gueſſed in vain:
Sir *Simon* then a Bet propoſed,
Who firſt might it explain.
—Your Wager, what, my Dear?—
A Pot
Of COFFEE—Done, ſhe cries;
You have helped me to unlike the Knot
For COFFEE is the *Prize*.

The ſame anſwered by Kunigunda.

One frothy Morn, as merry *Kate*
Was at her homely Toilette ſet,
1ſt. The Clock ſtruck nine;—*Petruchio* came
And called for Tea—when thus the Dame—

K. Your Pardon, Sir.—No Tea To-day;
Let Coffee be the Thing! I pray?
P. Coffee! ſo be't—thou haſt thy Will—
Kate ſmil'd—With eager Haſte the *Mill*
She twirl'd. *K.* Bleſs me! ſo lik
a Tow'r
It looks! *P.*— Indeed? Wh
Wench, no Pow'r
On Earth can make it ſo——
K. My Dear—
Celinda has——*P.* O Q'oui!—
'Tis clear;—
Another *Prize!* then where's th
Slate?
K. 'Tis not far off. *P.* Go then, de
Kate!
And aid for COFFEE to the Sco
The Value of *Ten Diaries* more.

The ſame anſwered by Mr. Giles Lacey.

Celinda Fair, how happy ſhould I be
To drink a Cup of COFFEE once with Thee!

Another Anſwer to the ſame.

Permit a Stranger in unſtudied Lays,
To ſing *Diaria's* well-deſerved Praiſe;
Lyſander oft thy Merits does ſurvey,
And gives *Diaria* a Portion of each Day:
Her Correſpondents fair I likewiſe greet,
Chiefly *Celinda*, whom I wiſh to meet;
If ſhe vouchſafes t'approach my humble Gates,
A Diſh of COFFEE at her Service waits. LYSANDER

The ſame anſwered by Ruralindus.

If charming *Celinda* will deign to be mine,
She ſhall breakfaſt on COFFEE, and dreſs very fine;
With Rapture I'll hear her melodious Lays,
And the Woods and the Vallies ſhall ring with her Praiſe.
If my Offer's receiv'd;—without further Inquiry,
I hope ſhe will tell me next Year in the *Diary*.

The Batchelor's Prayer; *being an Answer to all the Enigmas, by Mr.* James Mills.

Almighty Father! whose all-piercing Sight—
To whom e'en Darkness is the same as Light!
E'en Hell's dark GATES are present to thy View;
And Times to come can shew thee nothing new!
Oh! thou who mad'st mine Eyes to see the Day,
And as a Potter, form'd me out of Clay,
Who made the ORE to grow in Womb of Earth,
From which the useful SCREW receiv'd its Birth,
Bow down thine Ear, and hearken to my Prayer,
And let not sordid GOLD engross my Care.
Help me, O God, all Wickedness to shun;
Teach me to pray, *Thy Will be ever done.*
Give me a SEAT near to some verdant Plains,
Where Virtue does in peaceful Silence reign;
My Cupboard too with Competence be stor'd,
And my small Cellar *English* Beer afford,
That when the needful at my WINDOW stand
I may assist, and fill their craving Hand
Those Friends preserve, who now endear my Life,
From Malice, Envy, and ungovern'd Strife.
If e'er thy Blessings should upon me wait,
To give my Hand in *Hymen*'s happy State,
May some chaste Virgin to my WISH incline 8 *a Monosyllable.*
Round whom the Charms of Wit and Learning shine;
Not too reserv'd; in Conversation free:
T'oblige her Husband, COFFEE drink or Tea. *Prizes.*
Oh! let thy Volume be our chief Delight
Both Morning, Noon;—at Evening and Night.
Stamp ALL thy Precepts on her youthful Soul, 3 *Plural Numb.*
And in our Hearts each wicked Thought controul:
Teach us to live, that when the Bridegrooms come,
Our Lamps with Oil may be prepar'd to burn.

Answer to the same, by Mr. Tho. Sadler, *of* Whitchurch;
In an Elegiac *Epistle from* Celinda *to* Daphne, *mourning the Loss of her Lover.*

Dear Miss, these weeping Numbers tell
My lovely Swain is dead,
The Sexton rings the Passing-Bell,
And all my Joys are fled.
The warbling Choir salute the Sprays
With lab'ring, plaintive Strains,
And thro' the Groves their cheerless Lays
Re-echo o'er the Plains.
The joyous Lark has quite forgot
To warble in the Sky,
But hark around the Peasant's Cot
The moping Owl doth cry.
The drooping Fawns and † *Satyrs* hail
The new expanding Morn,
And Philomel forgets her Tale,
And weeps on yonder Thorn.

* FREE, *Prize.* † *Plural-Number.*

The GRATEful Nymphs with jocund Strains 3
All cease to dance or sing,
And *Pan* close by yon weeping Streams,
Has form'd a mournful Ring.
The Woodman's Ax thro' yonder Groves,
Rebounds at every Stroke;
There ghastly Melancholy roves,
And bids the Ravens croak.
Such PLAINtive Dirges round his Head 6
Quite sink his chearful Lay,
Then sighing wanders to his Shed,
And flings his Pipes away.
At Night, his wearied Limbs to ease,
Sits drooping in his CHAIR, 2
Nor MIRTH ‡ nor Music more can please 7, 2
The Rustic's liss'ning Ear.

Yon GOLD-topp'd Hills, which Sol adorns 4
With bright, refulgent Rays,
There oft my Strain, with chearful Morns,
Could harmonize the Sprays:
But now his Shade above the Clouds
Meets one celestial DAY §; 8
Yet I, close by these Ivy Shrouds,
Could pine myself away.
O Death! my Life I must resign,
Come strike the fatal Dart,
And let my Soul with Saints combine
To ease my aching Heart.
O! let me soar to endless Joy,
Where countless Spirits rove,
To meet the Shade of my dear Boy
In *Paradisian* Grove.

‡ 7 a *Cork-Screw*. § 8 a *Monosyllable*.

Answer to the same by Mrs. Elizabeth Wallis, *addressed to Mr.* Giles Lacey.

I wish you, Sir, a House compleat,
With Furniture and WINDOWS neat; 6
A Bed of Down, a CHAIR of Ease, 1
A Consort form'd your Mind to please.
May she have GOLD and Silver STORE, 4, 3
Enough for Use, and something more;
May she still kind and faithful prove,
And crown your Days with Joy and Love.
If you abroad sometimes should roam,
May she still happy be at Home;
With Work or Pen the Time beguile,
And always meet you with a Smile;
And in Return may she still find
A Husband good, and true, and kind:

O! ne'er let Trifles break your Peace;
May mutual Happiness increase.
If she like COFFEE best or Tea, *Prize*
I think you always should agree;
A Friend too you may entertain
With Bottled-Beer or good Champaign;
Your CORK-SCREW, Sir, you then may use, 7
But don't yourself or Friend abuse.
Be always temp'rate, sober, wise,
That NONE your Conduct may despise. 8
May you be still secur'd from HARM, 2
Nor Physick need, nor Ague-Charm;
Let Virtue be your Guide, my Friend,
By that strait GATE to Heav'n ascend: 5

No

No Slander then will break your Peace,
Nor interrupt your future Bliss;
O! happy Place of Joy and Love,
Where God unequall'd reigns above.

Answer to the same by Mr. Giles Lacey.

As I sat reading o'er your *Prize*,
A sudden Slumber clos'd my Eyes,
Which soon was follow'd by a Dream,
The which does here compose my Theme.
'Twas in the gloomy Shades of Night
When Darkness thick obscures the Sight,
Methought I chaus'd to walk abroad,
And in returning miss'd the Road;
I tumbled over Hedge and GATE, 5
Was much perplext;—it grew quite late;—
I travell'd on (but knew not where)
'Till at some Distance did appear
A glimm'ring * LIGHT—I made up thither 6
With Heart as light as † CORK or Feather; 7
Approaching near I then espy'd
A stately Building, large and wide;
I knock'd aloud;—Admittance got;—
And, quite amaz'd, found 'twas my Lot
To roam where dwelt the fairest Maid
That ever mortal Eyes survey'd;
She was ‡ THAT *Fair*, whose beauteous Lines
On COFFEE in the *Diary* SHINES; *Prize*, 2 *Ore*
With Gems was deck'd, with GOLD attir'd, 4
(Her native Charms I most admir'd)
I took a CHAIR, sat by her Side, 1
In hopes to win her for a Bride;
On her ‖ NUMBERLESS Beauties bright 3
I gaz'd with Wonder and Delight,
But soon awoke with full Conviction
That the whole Scene was merely Fiction.

* 6 a *Window*. † 7 a *Cork-Screw*. ‡ 8 a *Monosyllable*. ‖ 3 *Plural Number*.

Answer to the same by Miss Peggy Lugg.

The Soldier and Merchant; a Fable.

Tom Traffick oftentimes wou'd range
To COFFEE-House near the Exchange, *Prize*
To smoke a Pipe and read Gazette,
With Schemes to ease the Nation's Debt;
Of Tax on WINDOWS he expounds, 6
And how fur Bribery abounds,
Then wishes for a lasting Peace
That Wealth may flow and Trade increase. 4
To whom a half-pay Captain—thus
Began his Notions to discuss;
You are for Peace, dear Sir, I see,
But Peace will never do for me:
Oh! how I long of War to hear,
That SINGLE SOUND delights my Ear; 8
To fight the *French* Poltroons again,
And strew with Carcasses the Plains
We need not mind the *French* a Feather,
Nor *French* and *Spaniards* LEAGU'N together; 3
Like CORK SCREWS round we them will wist, 7
In vain their Efforts to resist.

No Walls or GATES cou'd ſtop the Courſe, 5
Or e'er withſtand the *Britiſh* FORCE; 2
But now new Wars are breaking forth
Amongſt the Nations of the North:
We ſoon ſhall hear of bloody Works
Between the *Ruſſians* and the *Turks*;
I e'en wou'd wage a QUARTER-GUINEA 4
We ſhall not Neuters long continue:
He ceas'd.—The Merchant quick reply'd,
How Things will go I can't decide;
Yet pray reflect;—tho' you may gain
By having War with *France* and *Spain*,
That 'tis the Int'reſt of the Nation
T'encourage Trade and Navigation,
And with our Neighbours live in Peace;
This will our Commerce wide increaſe.
So ſaying—with important Air
He ſat him down in WINDSOR-CHAIR; 1
Smok'd out his Pipe;—then full intent,
He Home about his Buſineſs went.
—Search thro' the World from Pole to Pole,
You'll find Self-intereſt guides the Whole.

Anſwer to the ſame by Mr. Leonard Walker.

Almighty *Jove!* whoſe piercing Ken
Sees what is beſt for mortal Men,
Vouchſafe my humble Boon to grant;
'Tis all I wiſh;—'tis all I want.—
May I enjoy a ſmall Eſtate!
(I wou'd not wiſh to have it great)
I'd have it, when from Taxes clear,
About One Hundred Pounds a Year:
For that would all my Wants ſuſtain,
And, more perhaps might make me vain.—
What! tho' I have no WINDSOR-CHAIR 1
To ride in when I take the Air,
A Morning Walk will give me Health,
Which I prefer to ſhining Wealth.
Shou'd any Friend approach my GATE, 5
He ſhou'd not long for Entrance wait;
(A Friend! the Sound will charm me ſtill,
Tho' 'tis a MONOSYLLABLE) 8
Of COFFEE, or the beſt Bohea, *Prize*
He ſhou'd partake, as well as me:
And, ſhould he chuſe a GLASS of Wine 6
By Way of Whet before we dine,
My SCREW and BOTTLE I wou'd bring, 7
And make him welcome as a King!—
Shou'd pale-fac'd Poverty invade
My Neighbour's Houſe, I'd lend my Aid
To drive her out;—ſhe can't, we're told,
Withſtand the pow'rful FORCE of Gold: 2
My Purſe with Pleaſure I'd unſtring,
From thence a QUARTER-GUINEA bring; 4
If pregnant, rather than give leſs,
I'd make it PLURAL by an *s*,— 3
The rich Man who unmov'd can ſee
That chilling Monſter, Poverty,
Muſt have a Soul, I really think,
As black as *Tartarus* or Ink.

Anſwer

Anſwer to the ſame by Mr. Iſaac Tarratt.

Rural Felicity, or the happy Pair.

The happy Pair remote from Noiſe and Striſe,
Enjoy the * *Pleaſures* of a rural Life; * 3 *Plural Nouns.*
Social and free they tread the flow'ry Lawn,
Where fertile Nature doth the Scene adorn.
Sweet Odours here perfume each ſhady Bow'r,
The Daiſies ſpringing, and each beauteous Flow'r:
Here Golden *Ceres* fills the ſmiling Vales, 4
And Zephyrs fanning with propitious Gales;
Viewing ſuch Scenes the happy Pair are free,
Darby and *Joan* cou'd not more happy be.
When Love and Friendſhip join in *Hymen's* State,
Joys without Bounds, attendant at their GATE: 5
Chear'd with Delight thro' all their Pain and Toil,
No baneful Doubts their peaceful Thoughts beguile;
Sweet Harmony makes ev'ry Burden light,
And jarring Diſcord is a Stranger quite.
At Eve, when *Phœbus* paints the glowing Weſt
And *Ceres* bids the labouring Plebeians reſt,
The joyful Swain now tripping o'er the Lee,
His dear Companion meets with chearful Glee,
(She for his coming ready doth provide
Some chearing COFFEE, like a grateful Bride.) *Prize*
With harmonized Thoughts he takes his CHAIR, 1
His LISPING Offspring to inſtruct with Care, 8 *a Monoſyllable*
Or with ſome Friend the ſocial Hours to paſs,
A BOTTLE TAPS, and takes a chearful GLASS; 7, 6
No LEADEN Nonſenſe doth infeſt his Brains, 2
But rural Ditties chaunts in humble Strains.
Here ſweet Contentment lodges in his Cell,
And all his Study is, in doing well.
How bleſt each Couple who ſo happy are,
Who live like *Strephon*, and his charming *Fair!*

The ſame anſwered by Narciſſa.

Where gentle *Dove's* pure limpid Waters roll,
And Nature's Beauties charm the glowing Soul,
Imagination wafts me, there to ſing
With *Bentley's* Muſe, and on no LEADEN Wing. 2
Let the ſmart Beau to COFFEE-houſe repair, *Prize*
Talk PLURAL-Nonſence in an eaſy CHAIR, 3
Twirl the bright CORK-SCREW on his Finger's End, 7
Laugh at his Foe, and ridicule his Friend;
Then, ſaunter to the WINDOW, lolling write 6
The am'rous Couplet he can ſcarce indite,
While *Chloe's* Name on ev'ry Square is found
With MONOSYLLABLES encircled round: 8
Then takes his Purſe moſt elegantly fine,
To mark how bright the QUARTER-GUINEAS ſhine; 4

Thus, till Night brings the charming Time of Play,
Paſs the ſlow, circling Hours of the long, tireſome Day,
While I (from courtly GATES remotely born)
Sing the gay, ſmiling Vallies rich with Corn;
The Meadows fill'd with Herds, the ſnowy Flocks,
That bleat reſponſive from the ſteepy Rocks;
The bubbling Fountains and the ſpringing Elow'rs;
The Groves of Poplar, and the Jaſmine Bow'rs;
The Joys ſincere which ſocial Converſe brings,
Hail Friendſhip's Charms, and learn to pity Kings.

A great many other ingenious and pretty Anſwers to the *Prize-Enigma*, and *General-Anſwers* to the *Enigmas*, have been received, which our narrow Bounds could not contain; but the *two firſt Prizes* of *ten* and *eight Diaries* for the Solution of the *Prize-Enigma*, and the other *two* of *ten Diaries* each for the *General-Anſwers* to the *Enigmas*, are fallen to the reſpective Lots of Mrs. *Elizabeth Wallis*, Mr. *James Mills*, Mr. *Leonard Walker*, and *Narciſſa*, who are deſired to write or ſend to *Stationers Hall* for them.

ANSWERS to the QUERIES, PARADOXICAL PROBLEM, REBUSES, and FRUIT, propoſed in the laſt Year's DIARY.

I. Query *anſwered by Mr.* Thomas Brewer.

Virtuous Actions afford the moſt permanent Pleaſures; the more they are enjoyed, the more eagerly they are purſued after; whilſt *vicious* Pleaſures altho' attracting at firſt, the Follies of them may be ſeen;—they then become tranſient and changeable.—The *Propoſer* thinks the *voluptuous* Man *is the moſt earneſt*, &c.

II. Query *anſwered by Mr.* John Bayley (*of* Middleton, Yorkſhire.)

If Miſs *Aſhton's* firſt *Query* be right underſtood,
Moſt conducive to Health muſt be *common Food*.

For, as Mr. *John Dickinſon* expreſſes it,

Nature requires a common, due Supply;
What's more than that is Superfluity.

III. Query *anſwered by Miſs* Amelia Stanhope.

Dear Miſs, ſtill may you aſk, but never know
That 'tis from *Guilt* our weighteſt Woes all flow.

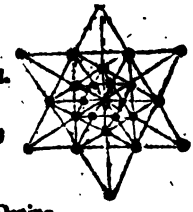
The *Propoſer's Anſwer* is that, "There can be no Cauſe aſſigned "for *conſcious Guilt* excepted, as a general one for Trouble, the Differences "in Tempers and Conſtitutions making that a real Trouble to one, "which appears the lightest Trifle to another; but *conſcious Guilt* is a "real Evil to all."

ANN NICHOLLS.

In *Anſwer* to the 4th *Query*, ſome are of Opinion that it is by Way of pre-eminence only that the Diſtinction in Title is made between the Mayors of *London* and *York*, and all others, as being Mayors of the two principal Cities in the Kingdom.—No ſatisfactory Anſwers to the 5th and 6th *Queries* have yet been received.

The Paradoxical Problem answered by Mr. C. Pinkett.

Friend *Giles*, the Plan that's here, I ween,
Discloses all that you can mean.



The same answered by Mr. James Pollard.

Sir, if you intend to plant your Bow'r
With Trees twice twelve,—Rows twenty-four;
Each Row four Trees for to contain:
View but this Plan;—the Method's plain.

I. Rebus *answered by Mr.* R. Deuing.

Four fifths of a *Bride*, and for Sailors a *Port*,
Make BRIDPORT in *Dorset*, a Borough of Note.

The same answered by Mr. John Bayley (*of* Middleton).

To four fifths of a *Bride* join *Port*, and you'll see
That BRIDPORT for certain the Borough must be.

Answer to the same by Mr. N. Dawson.

Most pleasing to Maids is a *Bride* in due Form,
And so is a *Port* to a Tar in a Storm;
Four fifths of the first, and the latter all thorough
Shew plainly that BRIDPORT's the Name of the Borough.

II. Rebus *answered by Mr.* John Wass.

I have, dearest *Ladies*, this *Rebus* found out,
For *Wey* when reversed is *Yew* without Doubt.

Answer to the same by Mr. L. Whitaker;
In which another Rebus *is proposed.*

Three Measures revers'd will make without doubt,
A *Vessel*, a Tree, and likewise a Fruit.

III. Rebus *answered by Mr.* Giles Lacey.

At *Epsom* dwells a lovely *Fair*,
As *Knowles's* Rebus makes appear.

IV. Rebus *answered by Mr.* T. Vaughan, A. M.

To solve your *Rebus*, Sir, I try,
And pretty sure I am,
Your Figure in *Geometry*,
Is nought but POLYGRAM.

V. Rebus *answered by Miss* Peggy Lugg.

Diaria is, as I suppose,
The Nymph your *Rebus* must disclose.

General Answer to the same *and the* Fruit, *and four more proposed by Dr.* Conundrum;—*To his Friend.*

One fine Summer's Morning (it being fair Weather)
We agreed to take Coach, and ride out together;
There were *Dick*, *Sam* and I, with *Kitty* and *Polly*,
And a *Lady* from BRIDPORT, a Set brave and jolly.

1 *Reb.*

Towar-

Answers to the Rebuses Ec. 1770. 3

[illegible] Sir, you must Know, [illegible]

[illegible] 2

[illegible] } Reb. 4

[illegible] PEARMAINS, [illegible] 5

[illegible] Champagnes.

[illegible] proposed to Mr. [illegible]

[illegible] and PEARMAINS;

[illegible] Charms to the Maid

[illegible] Mr. J. Warrick.

[illegible] } [illegible]

The

The other curious Answers to the *Rebuſes*, *Paradoxes*, *Fruit*, &c. our Want of Room at preſent obliges us to omit.

New ÆNIGMAS to be ANSWERED in the next Year's DIARY.

I. Ænigma 509, *by Mr.* Thomas Sadler, School-maſter *at* Whitchurch, Shropſhire.

Near the Banks of fair *Severn* I once did abide,
Well known to Miſs *Fanny*, and Miſs *Hetty Ll—d.*
At the Foreſt of merry *Sherwood* did appear,
When *Cockle* the Miller of *Mansfield* came there,
At *Exeter* City I'm ſure to be found,
And there with the *Ladies* I oft take a Round,
Go to *Bath*, or to *Briſtol*, I'm ſure to be there,
To wait on the *Ladies*, *Don John* or *Monſieur*.
To *Wales*, 'mongſt the Welſhmen, a Viſit I make,
Where I look lean and bare, and as poor as a Rake.
If you croſs o'er from *Wales* to *Hibernia's* Iſle,
You'll find how the *Ladies* upon me will ſmile,
And when they come near me, good Manners to ſhow,
I move my Head gently, and make a fine Bow.
Each gay, pretty Miſs, who're the Toaſts of the Town,
When Pleaſure excites them, I move to ſit down.
Young *Stripphon*, tho' handſome and briſk as a Bee,
Has ſeldom, if ever, ſuch Favours as me;
Each *Lady* permits me to kiſs her fair Hand.—
I'm no Necromancer, nor Sorcerer's Wand,
But in circular Motion I paſs here and there,
High, preſto! be gone!—I at *London* appear.—
I'm fright'ning to *Robin*, *Wat*, *Roger*, and *Jack*,
Who fear me as much as a Bear in a Sack,
And at a great Diſtance trip over the Lawns,
The Reaſon perhaps is becauſe I wear Horns.
Like a Harlequin, *Ladies*, my Oddneſs to ſhew,
My Head it turns round on my Neck like a Screw;
I've a Leg and a Body, both joined together,
And moſtly am naked in winterly Weather;
But in Summer when *Phœbus* beſpangles the Spray,
The *Ladies* oft cloath me in ſilken Array;
But the Moments are ſhort I in Grandeur appear;
'Tis ſeldom an Hour I this Cloathing muſt wear.
Take one Hint more, *Ladies*, to what I have ſhown;
By the Vicar of *Wakefield* I'm very well known;
The Sexton of *Whitchurch* knows where I abide,
And Clerk of the Pariſh, the good Mr. *Hyde*.
So now lovely *Fair*, tho' the Riddle's quite clear,
We'll wait for your Anſwer until the next Year.

II. Ænigma

Towards Epſom we travelled;—but, Sir, you muſt know, 3
We were ſtopt on the Road by a gallant old Beau,
Who ſwore that we ſhould not our Journey purſue,
But we ſtrait ſhould ſit down in his Bow'r of YEW. 2
Well, to pleaſe the old Don, Sir, then down we all ſat;—
Sam talk'd about POLYGRAMS, Cones, and all that,
While the *Ladies* and *Dick* were in amorous Chat. } *Reb.* 4
A genteel Collation before us was plac'd;
With DAMSON's and Cherries the Table was grac'd,
Together with GOOSEBERRIES, GRAPES, and PEARMAINS,
And the Treat was clos'd up with the beſt of Champagnes.
We all were remarkably jocund and gay,
And DIARIA was the bright Toaſt of the Day. 5
The Fruit not ſufficient, I then was deſir'd
To furniſh the Table with what was requir'd;
Accordingly did, but what the Fruits were
The ſubſequent Verſes will plainly declare.
"A Game that's well known, and the Hedges produce;"
"A Diſeaſe among Fowls, and what Women do uſe;"
"One half of a Fiſh, and a Province in *France*;"
"A Drink that the Pleaſures of Gods does enhance,
And "one half of a Meaſure;" Theſe rightly combin'd
Will compoſe four Fruits the beſt of the kind.

Another Anſwer to the ſame, and a Saucer of Pickles *propoſed to Mr.* James Brown Aſhton *(the Propoſer) by* Horatio.

Your Addition, Friend *Aſhton*, I fancy, contains
Fine DAMSONS and GOOSEBERRIES, GRAPES and PEARMAINS;
Excuſe me, kind Sir, if in Return for thoſe,
A Saucer of Pickles I therefore propoſe.
Firſt add "what the Lab'rer demands as his Due
To four ſevenths what in *Dairy* laſt Year you might view."
For the next "to a Hue which bright *Iris* can boaſt
Add what grows in moſt Gardens on *Anglia*'s Coaſt;"
"To a Thouſand, three fifths what adds Charms to the Maid
Annex to the Place where ſhe dreſſes her Head:"
The next, which I own, Sir, is not quite ſo white,
"Is what *Thiſbe* oft kiſs'd, and a Squirrel's Delight;"
To theſe, if you'll alter one Letter, I'll add
"A Character fam'd at the late Maſquerade."
Theſe differ, Sir, ſomewhat in Taſte, like your *Fruit*;
And, as *Pickles*, I fancy will moſt Palates ſuit.

Anſwer to the Paradox *by Mr.* J. Warrick.

Number XIII will, without Doubt,
Your puzzling *Paradox* make out.

The ſame anſwered by Mr. F. Guion.

Divide *Thirteen* by Line that's ſtraight, } XIII
The half is evidently Eight.

The other curious Answers to the *Rebuses*, *Paradoxes*, *Fruit*, &c. our Want of Room at present obliges us to omit.

New ÆNIGMAS to be ANSWERED in the next Year's DIARY.

I. Ænigma 509, *by Mr.* Thomas Sadler, School-master *at* Whitchurch, Shropshire.

Near the Banks of fair *Severn* I once did abide,
Well known to Miss *Fanny*, and Miss *Hetty Ll—d*.
At the Forest of merry *Sherwood* did appear,
When *Cockle* the Miller of *Mansfield* came there,
At *Exeter* City I'm sure to be found,
And there with the *Ladies* I oft take a Round,
Go to *Bath*, or to *Bristol*, I'm sure to be there,
To wait on the *Ladies*, *Don John* or *Monsieur*.
To *Wales*, 'mongst the Welshmen, a Visit I make,
Where I look lean and bare, and as poor as a Rake.
If you cross o'er from *Wales* to *Hibernia's* Isle,
You'll find how the *Ladies* upon me will smile,
And when they come near me, good Manners to show,
I move my Head gently, and make a fine Bow.
Each gay, pretty Miss, who're the Toasts of the Town,
When Pleasure excites them, I move to sit down.
Young *Strephon*, tho' handsome and brisk as a Bee,
Has seldom, if ever, such Favours as me;
Each *Lady* permits me to kiss her fair Hand.—
I'm no Necromancer, nor Sorcerer's Wand,
But in circular Motion I pass here and there,
High, presto! be gone!—I at *London* appear.—
I'm fright'ning to *Robin*, *Wat*, *Roger*, and *Jack*,
Who fear me as much as a Bear in a Sack,
And at a great Distance trip over the Lawns,
The Reason perhaps is because I wear Horns.
Like a Harlequin, *Ladies*, my Oddness to shew,
My Head it turns round on my Neck like a Screw:
I've a Leg and a Body, both joined together,
And mostly am naked in winterly Weather;
But in Summer when *Phœbus* bespangles the Spray,
The *Ladies* oft cloath me in silken Array:
But the Moments are short I in Grandeur appear;
'Tis seldom an Hour I this Cloathing must wear.
Take one Hint more, *Ladies*, to what I have shown;
By the Vicar of *Wakefield* I'm very well known:
The Sexton of *Whitchurch* knows where I abide,
And Clerk of the Parish, the good Mr. *Hyde*.
So now lovely *Fair*, tho' the Riddle's quite clear,
We'll wait for your Answer until the next Year.

II. Ænigma

II. *Ænigma* 510, *by Mr.* Tho. Vaughan, A. M.

My Business both Pleasure and Profit affords;
I beat up the Quarters of Dukes and of Lords:
Nay, to speak the whole Truth, I commonly do
Traverse the most Part of the Country quite through.
Into People's Back Yards and Courts I do creep,
And in every Place where I come, I do peep,
And if I find there what I found not before,
I presently add what I found to their Store.
If you ask, what this Store is, I'll leave you to guess;
Sometimes it is more, and sometimes it is less.
Some shew me Respect in the highest Degree,
While others against me do rail bitterly;
But these I despise, for I very well know
My Master will right me in all that I do;
That is, whilst I do what is honest and just,
And in each Particular prove true to my Trust.
I'll add this one Hint, then you'll sure guess me right;
I own that my chiefest Support is the Light.

III. *Ænigma* 511, *by Mr.* Leonard Walker.

Ye lovely *Fair*, esteem it no Disgrace
To give a harmless Masquerader Place.
I am no Monster come with horrid Paws,
Large, staring Eyes, nor wide, devouring Jaws!
'Tis true, I'm old;—you see my feeble Plight,
Yet, let not that your tender Souls affright:
For, know, I'm harmless as the Turtle Dove,
That gentle Emblem of unceasing Love!
A thousand *Ages* have been swept away
Since first my Parents hail'd my Natal-Day;
A thousand more, if I presage aright,
Will sink in Dust ere I forsake the Light.
No sooner born but I began to roam,
Thro' Lands far distant from my native Home:
My Name is known, and Men record my Worth,
In ev'ry Realm o'er all the Face of Earth;
Nor think it strange;—since I, undaunted, go
O'er dreadful Rocks and Mountains cap'd with Snow.
The Giant-Sons of *Patagonia* knew
Me well, ere *Byron's* Sails appear'd in View;
Tho' large in Stature, I've excell'd 'em all,
For I'm at Pleasure, either great or small:
Not *Proteus* self e'er chang'd his Shape like me,
Tho', 'tis confess'd, he was a *Deity!*
The *Torrid Zone*, tho' 'tis replete with Wealth,
Is ill adapted to my State of Health:
I have been there;—but when the King of Day
Blaz'd o'er my Head, I cou'd no longer stay;

I flung

I wing'd my Flight o'er Mountains, Lakes and Seas,
To this fair Land of Freedom, Health and Ease:
Here undisturb'd I wander free as Air;
So now my Name reveal, ye *British Fair*.

IV. Ænigma 512, *by Mr.* Isaac Tarratt.

I have professed no Male or Female Sex,
For to amuse you, rather than perplex,
And to excite your virtuous Thoughts on me;
When that is fixt, we ne'er shall disagree.
With good Intent to this my Tale attend;
I no Beginning had, nor shall have End:
For when great *Jove* on Earth implanted me,
I was to Man his *primum Mobile*;
Th'efficient Cause, and Mankind the Effect,
And as such Cause, I Mankind do direct;
In ev'ry Action, generous, kind and brave,
Lift him above the Brute or venal Knave.
With virtuous Acts inflame the gen'rous Mind.
The Coward, brave; the Cruel, mild and kind;
Give Coldness Heat; excite the hidden Fire,
And various Minds do variously inspire.
The World I move;—thro' ev'ry distant Part,
Fast hold the Fabrick; there can Nothing start
From the due Place and Office first ordain'd;
The Laws of Nature are by me sustain'd.
I've powerful Charms, when Honour leads the Way;
When otherwise, the Innocent betray:
Vile 'tis to say! a real Good made Evil,
And many Times a Bait laid by the Devil;
Let Male and Female of the Fiend beware,
Tho' I am blameless, may be made a Snare.
Like waning Moon my Splendour does decline;
Not so refulgent as I once did shine;
My Grandeur fades, plac'd in a different View;
The World does change for Modes that are quite new;
Not am I valu'd as of old I were,
The present Times do make it plain appear:
The Vogue is vague;—so is my fleeting Fame;
Ladies, explain my Origin and Name.

V. Ænigma 513, *by* Harriot.

Two Sisters, tho' awkward in Shape and in Air,
Presume your Attention, *Fair Ladies*, to share;
Nor think us too bold, since great Part of the Nation
With Hopes we inspire, and fond Expectation.
But first, we must tell you, how fruitful we are,
Our Offspring how num'rous;—so great we declare
That the fam'd *Holland* Dame with us can't compare;
She her Hundreds may boast, but (tho' strange 'tis to tell)
We our Thousands produce, as many know well.

If peculiar Diſtinctions, as by Hiſtory we're told,
Three Children obtain'd from the *Romans* of old,
What Honours may I and my Siſter not claim
From all, who wiſh well to old *England's* Fame?
My Siſter and I, cunning Gipſies, contrive
To lye-in together, elſe our Brats would not thrive.
When our Labour approaches, with Pomp and Parade
We quit our Receſs; are in publick convey'd
To the Place where our famous Delivery's made;
Unlike other Females, who in private delight
To tranſact this Affair in the Darkneſs of Night.
But we, for the Sake of our numerous Race,
Chuſe, to prove their Birth genuine, the moſt public Place:
Thus *Conſtance* the Empreſs, to ſhew all was fair,
In the Market-place choſe to bring forth her Heir.
Tho' our Children, indeed, pretend to no Throne,
'Tis of general Uſe, their true Birth ſhould be known:
Tho' no Chancellor, Biſhop, or Courtier appear,
Our Offspring from all Suſpicion to clear;
Yet we pride ourſelves much, we've many fine Beaux
Who for very good Reaſons attend on our Throes.
Men-Midwifes in Vogue are, and therefore my Siſter
Declar'd for their Aid, and I would not reſiſt her.
'Tis uſual for Parents their Firſt born to grace
With Favours ſuperior to the reſt of their Race;
We then, as others, to our eldeſt Son give
Diſtinguiſhing Marks of his Prerogative:
Yet, not bound by Cuſtom or Law, we declare
A Portion juſt double our youngeſt ſhall ſhare;
Their Brothers we leave (but perhaps we do wrong)
To make their own Way, and fight thro' the Throng:
Succeſsful ſome are, and Fortune they thank;
While others miſcarry, and look very blank.
But enough and too much has, *Fair Ladies*, been ſaid
To diſcover our Buſineſs, our Art, and our Trade;
Yet ſtill one Word more we cannot but add:
Some, in Politics fam'd, ſhake their Heads and look ſad;
Our Example condemn, as pernicious and evil,
And wiſh both our Children and us at the Devil.

VI. *Ænigma* 514, *by* Celinda.

The fam'd *Arcadian* Vales, where Zephyrs rove,
Thy Plains, O *Paphos!* and the *Cyprian* Grove,
Have tun'd the vocal Lyre, and flouriſh'd long
In all the pleaſing Charms of Paſtoral Song.
Thoſe much-lov'd Scenes in ſofter Times I knew,
Ere from the World the Golden Age withdrew,
Ere brazen Helms were known, or thundering Car,
Or ſhone in beaming Steel the God of War:

Such

Such Diſpoſition ſways my peaceful Race,
The flow'ry Meads I love, the vernal Graſs,
Where all thy Sweets, imperial *Flora*, reign,
And Gales aërial ſweep the waving Grain;
Hark Joys fair beaming as the mid-day Sun
Make all the Hours of Life glide ſmoothly on:
But rare the Pleaſure which no Grief annoys,
A bitter Cup muſt weaken all our Joys.
You've heard, ye Wits, how late on *Lybia's* Plains
Sidonian Dido rul'd the *Tyrian* Swains;
Inur'd to Toils, the form'd the ſculptur'd Wall,
Or deck'd with Arts ſublime the Regal Hall:
Call each laborious Scene before your Eyes,
And view the lofty Towrs of *Carthage* riſe,
Where *Sol's* all-chearing Power with mildeſt Ray
Beams on the Morn, and gilds the ſmiling Day.
For fair Induſtry fam'd, a City ſtands,
Brave as *Carthagian* Swains its warlike Bands;
A Queen imperial o'er the Train preſides,
Supreme in Council all their Actions guides:
At her Command they nobly take the Plain,
Spoil all their Talk, and Plunder all their Aim;
By them I'm quickly ſeiz'd, and hence convey'd
Aloft thro' yielding Air; am Captive made.
Within a gloomy Cell my Form confin'd,
And to relentleſs Guards the Charge aſſign'd:
No more the trembling Gales around me ſtray,
Nor murmuring Streams that ſerpentine their Way;
No more the Groves or vernal Greens delight,
The noon-tide Breezes, or the Shades of Night;
But lo! impending Ills the State ſurround,
While murmuring Sounds thro' all the Camp reſound:
Now raging Fight with direful Fury glows,
Whole Cohorts humbles, and whole Hoſts o'erthrows;
I'm now from Bondage freed;—expos'd to View,
And know the pleaſing Scenes which once I knew;
Like Cryſtal, Amber, or the Morning Star,
I'm hence convey'd the nobleſt Prize of War.
O'er *Albion's* Plains a welcome Gueſt I rove,
And *Æſculapius'* Sons my Uſe approve.

VII. Ænigma 515, *by Miſs* Nancy Harland.

Now I'm careſs'd by you, ye ſprightly *Fair*,
No more I'll ſigh and droop in dull Deſpair,
But Dame *Diana's* votive Band will join,
And lay my Tribute at her crowded Shrine.
To Vice and Virtue I provoke the Young,
And aid the Poet in his Lyric Song:
I free the Hero from a Coward's Fear,
Undaunted bid him meet the miſſive Spear.

I make

Prize Ænigma, to be answer'd next Year.

I make the Wicked kiss Religion's Rod;
Bend the stiff Knee, and supplicate their God.
Unmov'd by Tears, I seize the Widow's Stores,
Friendless and naked turn her out of Doors:
When rouz'd to Fight, the Earth convulsive shakes,
The Mountains tremble, and the Ocean quakes!
A Tyrant fell my Cruelty succeeds,
With Steps remorseless, and more horrid Deeds.—
But stop, nor rashly judge;—me you will find
An universal Blessing to Mankind.
As Fame reports, I once from Heaven was stole,
And now that Theft the Sons of Men condole;
Lament the Rashness of the daring Thief
In swelling Sorrows, and desponding Grief.
With Man on Earth, in Bliss with Saints I dwell,
And, cruel Fate! am chain'd with Fiends in Hell.
This Truth receiv'd—I at one dire Repast
Millions devour—and shall the World at last.

PRIZE ÆNIGMA. *By Mr.* S. Bentley.

(Whoever answers it before Candlemas-Day, *has a Chance for Ten, and another for Eight Diaries.)*

Room, — Room, — for I'm a dapper Elf,
And hope to introduce myself
With the politest Kind of Greeting,
For I at ev'ry friendly Meeting,
Have shewn all Sorts of Gratulation,
And the profoundest Veneration,
With due Respect to Sir, or Madam,
In ev'ry Age since Father *Adam*.
From the remotest early Times
Much Good I've done, and many Crimes;
Have just and impious Sceptres, sway'd,
Rewarded oft, and oft betray'd;
Been oft in Bonds, and often free;
And fam'd for Feats of Chivalry:
Decided arduous Events,
In pompous Tilts and Tournaments:
Now oft in Coat of Fur I'm muffled,
But still I may be greatly ruffled,
And yet whoe'er my Rage opposes
May run the Risk of bloody Noses;
When giving Way too much to Fury,
Exposes me to Judge and Jury.
I till the Earth, and sow the Grain,
And toil the Needy to maintain,
With Rayment, and with Drink, and Meat,
But tho' I get, I never eat:
I'm yet of more distinguish'd Parts,
And practise all the lib'ral Arts;
Perform the Office of Physician,
Am Poet, Painter, and Musician,
With Talents both for great and small Trades,
And am in short a Jack-of-all-Trades.
I early dealt in Scientificks,
And was well vers'd in Hieroglyphicks;
From Hebrew Texts, old Greek, and Latin,
None can bring Sentences more pat in;

And

And, if you're Criticks, you'll agree,
That *Homer's* Works you owe to me,
With all your Tales of Bears and Fiddles,
Poetic Records, and your Riddles:
That Riddle found in holy Writ,
Where the strong *Samson* shew'd his Wit;
That too the bloody *Sphinx* invented
With which the *Thebans* were tormented,
Had ne'er to modern Times been known,
Quite sunk in dark Oblivion,
But for the friendly Aid I lend 'em,
For be assur'd 'twas I who pen'd 'em.
Of Magic Secrets I've been Master,
And serv'd my Time with *Zoroaster*;
Old Wizards too, they say, by me,
Cou'd trace out future Destiny:
With Cheats, and Jugglers now I mix,
And play my Hocus-pocus Tricks;
Some very sharping, some as funny,
But mostly aim at getting Money.
On *Persian* Coins I've been impress'd,
By which it plainly is confess'd,
I've most an Emblem been of Concord,
Than any two bound fast with one Cord.
I much distinguish graceful Carriage,
And play my Part in holy Marriage;
And shou'd I to the Dumb belong
Or Male or Female, old or young,
Explain their Meaning in a Trice,
And am to them instead of Voice.
So fam'd for my rare Feats I'm grown,
I've Statues cut in Wood and Stone,
With ornamental sculptur'd Graces
Set up in most conspicuous Places;
And tho' myself no Speech affords,
My Effigies is full of Words;
Which (shou'd you ever devious stray,
Lost and bewilder'd in your Way)
Directs emphatically plain,
To guide your Steps aright again.
With all these Hints there is no Doubt,
Enigmatists will find me out,
As I've been long within their Ken,
So bid adieu;—and drop the Pen.

New QUERIES, REBUSES and PARADOXICAL PROBLEMS to be answered in the next Year's DIARY.

I. Query, *by Mr.* Thomas Brewer.

From you, lovely *Fair-Ones*, the Reason I'd know
Why, the more Disregard to a Lover ye show,
The greater Esteem to your Charms he'll bestow?

II. Query, *by Mr.* William Swift, *of* Stow.

What Language is the best impart,
To gain a virtuous *Lady's* Heart?
Answer me quickly—tell me true;—
Next Year I'll do as much for you.

III. Query, *by Miss* Ann Nicholls.

What is Fear? and whether is it a native or an acquired Passion of the Mind?

IV. Query,

IV. Query, *by Miss* Polly Ashton.

What is the Reason that handsome Women most commonly marry ordinary Men?

V. Query.

What is the Difference, *Ladies*, now,
Betwixt these Terms * express'd below,
And you'll oblige Miss *Polly Stow?*
* *Civility* and *Politeness.*

VI. Query, *by Mr.* Alex. Rowe.

A Competence too seldom Peace does bring,
For *Ladies*, say from whence Content doth spring?

I. Rebus, *by Mr.* Giles Lacey.

If from a Western County-Town
You take just seven tenths,
At once you'll have a City
Gives a Title to *a Prince.*

II. Rebus, *by Mr.* William Margate.

A Face revers'd and a Part of the Face,
In Summer will shew a very gay Place.

III. Rebus, *by Miss* Polly Pinkney.

To the fifth of a Leach add the thirds of a Fish,
To which you must join the fourth of a Dish;
Then take the first Letter from *Saturn* or *Sol*,
And you'll find out the Town where lives your Friend *Poll.*

IV. Rebus *(in which the* Prize-Enigma *is answered) by Miss* Peggy Lugg.

To half of a Wanderer, whose Trading's but small,
Add an Insect remark'd for Industry by all;
These shew you a Creature with whom I this Day
Drank two Cups of COFFEE and one of Bohea;
Whose formal Behaviour is very precise,
And not much approv'd by the witty, or wise.

V. Rebus, *by Mr.* John Shadgett.

To three fourths of the Emblem of Innocence, join
One third of what's seen when the Weather is fine,
And with Ease you'll discover (if skill'd in your Trade),
The Name of the Town where this *Rebus* was made.

Paradoxical Problem *by Mr* Giles Kilworth.

Artists of Fame, some Method pray disclose,
How I must Plant in six and Thirty Rows,
Twice fourteen Trees;—in each Row four I'd view;—
This Favour grant me, ere I bid adieu.

ANSWERS *to the* MATHEMATICAL QUESTIONS *proposed in the last Year's* DIARY.

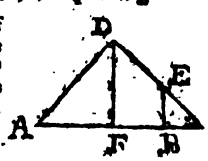
I. QUESTION 597 *answered by Mr.* Wm Spicer.

FROM the 1st given Equat. $w + x = a$ (52) $- x - y = z$; and this Value substituted in the other 3, they become $az - x^2 - xy - xz + yz$ ($= 360$) $= b$, $az - xz - yz - z^2 + xy$ ($= 283$) $= c$, and $xy - xy - y^2 - yz + xz$ ($= 315$) $= d$: Whence, by Addition, $z \times x + y + w + z = b + c$, $z \times z + y + x + y = c + d$, and $z \times x + y - x + y = d + b$, and, compleating the Squares, &c. $x + z = \frac{1}{2}a - \frac{1}{2}\sqrt{a^2 - 4 \times d + c}$ $= 20$, $z + y = \frac{1}{2}a - \frac{1}{2}\sqrt{a^2 - 4 \times c + d} = 17$, and $x + y = \frac{1}{2}a - \frac{1}{2}\sqrt{a^2 - 4 \times b + d} = 25$, and consequently $x = 14$, $y = 11$, $z = 6$ and $w = 21$; which shew *the matchless Hero's Name* required, to be WOLF.—In a manner equally ingenious it is also answered by the Rev. Mr. *Crakell*, Mr. *Gawith*, Mr. *R. Gibbons*, Mr. *Wm Reynolds* and Mr. *Tarratt*.

Messrs. *T. Barker*, *J. Bartlett*, *E. Bayley*, *B. Brown*, *Wm Cole*, *J. Conibred*, *à Cumbria*, *R. Dening*, *W. Dent*, *J. Higgins*, *J. Mills*, *E. Reed*, *T. Robinson*, *Alex. Rowe*, *S. Scott*, *P. Sharp*, *Wm Stephens*, *Wm Stoker*, Mrs. *E. Suggett* and Capt. *Williams* have likewise answered it.

II. QUESTION 598 *answered by Master* J. Spencer, *at Mr.* Allen's *Boarding-School, in* Spalding.

PUT BE, the Diff. of the Heights of the Walls ($= 6.75$) $= a$, BA, the Breadth of the Building ($= 28$) $= b$, AD (= DC) the Length of the Front Rafters ($= 24$ Feet) $= c$, and BC $= x$; then, drawing DF ∥ EB, FC will be $= \frac{1}{2} \times b + x$, EC $= \sqrt{a^2 + x^2}$, and, *pr.* sim.



Δs, x (BC) : $\sqrt{a^2 + x^2}$ (EC) :: $\frac{1}{2} \times b + x$ (FC) : c (DC) ; ∴ $\sqrt{a^2 + x^2} = \frac{2cx}{b + x}$, and consequently $x = 7.345$, very nearly; and hence the Length of the Back Rafters are easily found $= 14.4288$ &c. Feet.

Messrs. *J. Addison*, *T. Barker*, *J. Bartlett*, *E. Bayley*, *G. Congbron*, *à Cumbria*, *H. Curtis*, *J. Dalby*, *R. Dening*, *W. Dent*, *R. Gibbons*, Master *Jos. Osborne*, *Pamphagus*, *E. Parrel*, Master *J. Pass* (the Proposer), *Plus Minus*, *E. Reed*, *W. Reynolds*, *T. Robinson*, *Wm Rowe*, *Rusticus*, *P. Sharp*, *W. Spicer*, *W. Stoker*, *J. Tarratt*, and Capt. *Williams* have also answered it.

III. QUESTION 599 *answered by Mr.* Wm Spicer (*the Propoſer*).

PUT $p = 2000$, $r = 0.05$, $b = 85.75$£, and $x =$ the Time in which B's Debt will be greateſt; then (by Progreſſion) $\frac{1}{2} \times \overline{x+1} \times \overline{x+2} + \frac{1}{6}r \times \overline{x^3+3x^2+2x} =$ the Sum of B's yearly Payments and their Intereſt, and $p + prx =$ the Amount of the Principal p in the ſame Time, and conſequently $p + prx - \frac{1}{2} \times \overline{x+1} \times \overline{x+2} - \frac{1}{6}r \times \overline{x^3+3x^2+2x} =$ the Sum he will then be indebted, a *Max. per Queſt.* — In *Flux.* and reduced, $x = 45.184086$ &c. which ſhews that B's Debt will be the greateſt juſt before the 46th Payment is made. Again, ſuppoſing x now to denote the Time when A is indebted to B the Sum of 85.75£ (the reſt remaining the ſame as before), then will $\frac{1}{2} \times \overline{x+1} \times \overline{x+2} + \frac{1}{6}r \times \overline{x^3+3x^2+2x} - p - prx = b$ (*per Queſt.*); $\therefore x^3 + 63x^2 - 11818x = 250170$, and $x = 93$ Years, the Time required. — *Pamphagus*'s Solution is very little different.

It is alſo anſwered by Meſſrs. *T. Barker, G. Coughron, J. Dalby, W. Dent, R. Gibbons, Giles Lacey, E. Reed, T. Robinſon, Alex Rowe, S. Scott*, Capt. *Williams, R. Williamſon* and *J. Young*.

IV. QUEST. 600 *anſwered by Mr.* J. Addiſon.

IT is eaſily proved that two Numbers to have the Condition required in this *Queſtion* (*viz.* that the Cube-Root of the *one* multiplied into the Square-Root of the *other* may be a *Max.* &c.) muſt be in the Ratio of 2 to 3, and conſequently that if $x^2 =$ the Number of Guineas, $\frac{2}{3}x$ will $=$ *that* of the Moidores; whence $x \sqrt[3]{\frac{2}{3}x^2} = 39.1918$ (*per Queſt.*), and $x^2 = 96$, and $\frac{2}{3}x^2 = 64$, the Numbers required.

Meſſrs. *J. Chipchaſe, J. Dalby, E. Parnel* and *Paul Sharp* (the Propoſer) put x and y for the Number of Guineas and Moidores, and $= z$ the Sum of them both; then will $y = z - x$, and $\sqrt[3]{z - x} \times \sqrt{x}$ be a *Max.* (*per Queſt.*). In *Flux.* and reduced, $\overline{z}$ being conſtant), $w = \frac{3}{5}z$: Whence $y = \frac{2}{5}z$; and, $\sqrt{\frac{3}{5}z} \times \sqrt[3]{\frac{2}{5}z}$ being $= 39.1918$ (*per Queſt.*), $z = 160$, and conſequently $x = 96$ and $y = 64$, the ſame as before.

Meſſrs. *T. Barker, G. Coughron, & Cumbria, W. Dent, R. Gibbons, Pamphagus, E. Reed, T. Robinſon* and Capt. *Williams* have likewiſe anſwered it.

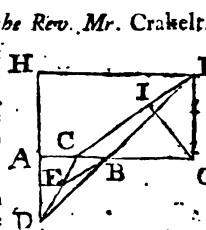
V. QUESTION 601 *anſwered by Mr.* E. Williams, Captain *in the* Royal Artillery.

BY the *Conſtruc.* of the Propoſer's *Fig.* (ſee the laſt Year's *Diary*) the following Analogies are evident, *viz.* BF : H*m* :: FE : *m* :: EG (FC) : *c*G (D*n*); therefore H*m* : D*n* :: (BF : FC) :: B

: AE. In like Manner, AG : Mc :: GE : cE :: EF (GC) : nF (N*n*), and consequently M*e* : N*n* :: (AG : GC) :: AE : EB.

The *Demonstrations* by Messrs. *T. Barker*, *W. Cole*, *G Coughron*, the Rev. Mr. *Crakelt*, *J. Dalby*, *T. Moss* (the Proposer) *T. Robinson* and *W. Spicer* are so little different from the preceding, that it is needless to repeat them.

VI. Question 602 *answered by the Rev. Mr.* Crakelt.



Const^R. Let BA (30 Yards) represent the Diff. betwixt the Hypoth. and less Leg, and CA (15) *that* betwixt the Hypoth. and greater; then, at the Point A, erect the ⊥ AD, meeting BD, making with AB an ∠ of 45°, in D, and join the Points D, C: This done, from B apply BE (to DC) = BA, and from the Point F, where CF drawn ∥ to BE meets DB produced, let fall the ⊥ FG upon AB produced; so will CFG be the right-angled triangular Garden required.

Demonstra. Produce DA till it meets FH, drawn ∥ to AG, in the Point H: Then, by Similarity of △s, AE : HF :: DB : DF :: EB : CF; but, (by *Construc.*) EB = AB, and consequently CF = HF = AG = AC + CG = AB + BG = AB + FG.

The *Calculation* from this *Construc.* is extremely easy, whereby the Length of the Tree's Shadow, at the given Time, comes out = 36 Yards, and consequently the Sun's Altitude = 20° 19′ 23″; whence, *per Spherics*, the Lat. required is readily found to be 37° 33′ 38″ South, &c.

Messrs. *J. Addison*, *T. Barker*, *J. Bartlett*, *J. Chipchase*, *W. Cole*, *a Cumbrid*, *J. Dalby*, *R. Gibbons*, *J. Haycock*, *E. Parnel*, *W. Pearson*, *E. Reed*, *T. Robinson*, *Alex. Rowe*, *W. Spicer*, *W. Stoker*, *J. Tarratt*, Capt. *Williams*, *R. Williamson* and *J. Young* have given ingenious Algebraic Solutions to it.—Mr. *G. Coughron* observes that, as the Excess of the Hypothenuse above one of the Legs is double its Excess above the other Leg, the Sides of the required △ are in Arithmetical Progression; and from thence derives every Thing (without *Algebra*) nearly the same as above.

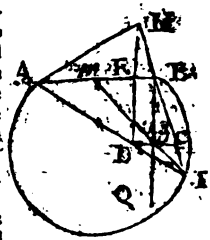
VII. Question 603 *answered by Mr.* G. Coughron.

BY the *Data* and Properties of a right-angled △, $x^{10} + y^{10} = \overline{x^2 + y^2}^3 \times a^2 x^2 y^2$, and $x^5 y^5 = \overline{x^2 + y^2}^{\frac{1}{2}} \times axy \times x^3$. Substitute zx^2 for y^2 and its Powers in the 1st Equat. and it becomes $x^{10} \times z^5 + 1 = x^{10} \times \overline{z + 1}^3 \times a^2 z$; $\therefore z^5 + 1 - \overline{z + 1}^3 \times a^2 z = 0$; which, divided by $z^2 \times z + 1$ and reduced, gives $z^2 + \frac{1}{zz} - \overline{1 + a^2} \times z + \frac{1}{z} + 1 - 2a^2 = 0$; or, putting $v = z + \frac{1}{z}$, $v^2 - \overline{1 + a^2} \times v - \overline{1 + 2a^2} = 0$; $\therefore v =$

$\sqrt{\frac{1+a^2}{4}}^2 + 1 + 2a^2 + \frac{1+a^2}{2}$, which put $= 2c$; and then, $x + \frac{1}{x}$ being $= 2c$, x will be found $= \pm\sqrt{c^2-1} + c$. Lastly, from the 2d Equation is had $x^{\frac{5}{2}} \times x^{\frac{1}{2}} = x^3 \times \overline{x+1}^{\frac{1}{2}} \times a x^{\frac{1}{2}}$; $\therefore x = \overline{x+1}^{\frac{1}{2}} \times \frac{\sqrt{a}}{x}$; which, as x is now known, will likewise be known, and from thence the $\triangle$ becomes known.

The Solutions given by the Rev. *Mr. Crakelt* and *Mr. Gurney* (the Propofer) are alſo very ingenious.

VIII. QUESTION 604 *anſwered by Mr.* T. Maſs.

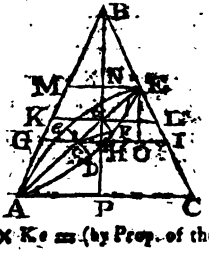


CONSTRUC. Upon the given Biſecting-Line AB deſcribe a Segm. of a Circ. to contain the given $\angle$ of the required $\triangle$, and in BQ $\perp$ to AB, take Bn $=$ the given Perpendicular. Biſect AB in m, and thro' the Points m and n draw a Right-Line meeting the Arch of the ſaid Segm. in I: Join I, A and I, B and draw DnC $\parallel$ to AB; in IB produced, take BH $=$ BC: Draw AH, and AHI will be the $\triangle$ required.

DEMON. Draw HD, cutting AB in E: Then, becauſe (by *Conſtruc.*) AB is biſected in m, and DC is $\parallel$ AB, Dn is $=n$C; alſo, (by *Conſtruc.*) BH is $=$ BC, whence HD is $\parallel$ Bn, and conſequently HE ($=\frac{1}{2}$HD) $=$ Bn, the given Perpendicular, by *Conſtruc.* Moreover, becauſe the given Line AB is $\perp$ to HD and biſects it at E, the $\angle$ EAD $=$ EAH; and AIH is $=$ the given Angle, by *Conſtruc.* Q. E. D.

Elegant *Conſtructions* to this *Queſt.* have alſo been received from the Rev. Mr. *Crakelt*, and Meſſrs. *G. Coughron*, *H. Curtis*, *J. Dalby*, *P. George* and *W. Wales*.—It is alſo anſwered by Meſſrs. *T. Barker*, *J. Chipchaſe*, *Alex. Rowe* and *W. Spiter*.

IX. QUESTION 605 *anſwered by the Rev.* Mr. Crakelt.

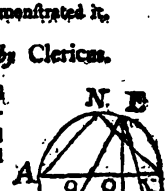


LET ABC be the Repreſentation of any upright Cone; A D E A *ther of* any Elliptic Section made therein; Ac $=$ Ee $=$ the Semi-tranſverſe of ſuch Section; De $=$ c e its Semi-conjugate; Fc any other Semi-diameter; GHI, KoL, MNE the Diameters of three circular Sections made by Planes paſſing through the Points D, F, E, and EO a Parallel to the Axis of the Cone, BP: Then, by Similarity of $\triangle$s, Lo : Ic :: Ec $-$ co (Eo) : Ec, and Ko : Gc :: Ec $+$ co (Ao) : Ec (Ac), and conſequently Lo $\times$ Ko $=$ (by Prop. of the

Circ.) $\overline{Fo}^2 : Ie \times Ge$ or $\overline{De}^2 :: \overline{Ec}^2 - \overline{co}^2 : \overline{Ec}^2$, the principal Prop of the Ellipſis: But $\overline{De}^2$ or $Ie \times Ge =$ (by Similarity of $\triangle$s and the Nature of Parallels) $Ie \times MN$ or $EN = Ie \times HO = \overline{HO} + 2OI \times HO = \overline{HO}^2 + HO \times 2OI$, and $\overline{Ec}^2 = \overline{OI}^2 + (cH^2) + \overline{HO}^2 + HO \times 2OI + \overline{EO}^2$, and consequently $\overline{Ec}^2 - \overline{De}^2 = \overline{OI}^2 + \overline{EO}^2 = \overline{EI}^2$, or $\overline{De}^2 = \overline{Ec}^2 - \overline{EI}^2$: Wherefore $\overline{Ec}^2 \times \overline{Fo}^2 = \overline{De}^2 \times \overline{Ec}^2 - \overline{De}^2 \times \overline{co}^2 = \overline{De}^2 \times \overline{Ec}^2 - \overline{Ec}^2 \times \overline{co}^2 + \overline{EI}^2 \times \overline{co}^2$, or, by adding $\overline{Ec}^2 \times \overline{co}^2$ to both, $\overline{Ec}^2 \times \overline{Ec}^2 = \overline{Ec}^2 \times \overline{De}^2 + \overline{EI}^2 \times \overline{co}^2$: Whence, as a ſimilar Equality will obtain for all the other Points of the Curve, D F E, and the greater co^2 becomes the greater will $\overline{Ec}^2 \times \overline{Fc}^2$ become likewiſe, the Truth of the *Prop.* is manifeſt.

Meſſrs. T. Barker and *J. Dalby* have alſo demonſtrated it.

X. QUESTION 606 *anſwered by* Clerices.

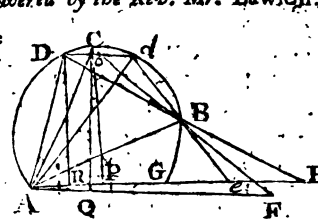


JOIN the Points E, N; D, C and draw ES $\perp$ DC interſecting A B in Q: Then, *per* ſimilar $\triangle$s, DA : AQ :: ES : DS = AQ, and BC (= DA) : BV :: ES : SC = BQ, and conſequently DA × DA : AO × BV :: ES × ES : AQ × BQ = $\overline{EQ}^2$ (by Pr. of the Circ.): Whence $2AO \times BV \left(= \frac{2\overline{DA}^2 \times \overline{EQ}^2}{\overline{ES}^2}\right) = \frac{\overline{AB}^2 \times \overline{EQ}^2}{\overline{ES}^2}$, becauſe $2\overline{DA}^2 (= 2\overline{AN}^2) = \overline{AB}^2$ (47. *e.* 1.). But $\overline{OV}^2 : \overline{DC}^2 (\overline{AB}^2) :: \overline{EQ}^2 : \overline{ES}^2$ (*per* ſim. $\triangle$s OEV, DEC), and conſequently $\overline{OV}^2 \left(= \frac{\overline{AB}^2 \times \overline{EQ}^2}{\overline{ES}^2}\right) = 2AO \times BV$ $(= 2AO \times \overline{OB - OV}) = 2AO \times OB - 2AO \times OV$; ∴ $\overline{OV}^2 + 2AO \times OV = 2AO \times OB$, and $\overline{AO}^2 + \overline{OV}^2 + 2AO \times OV + \overline{OB}^2 = \overline{AO}^2 + 2AO \times OB + \overline{OB}^2$; *i.e.* $\overline{AO + OV}^2 + \overline{OB}^2 = \overline{AO + OB}^2$, or $\overline{AV}^2 + \overline{BO}^2 = \overline{AB}^2$.

Demonſtrations of this *Theorem* have alſo been received from Meſſrs. *T. Allen*, *T. Barker*, *T. Chipchaſe*, *G. Cowburn*, the Rev. Mr. *Cobbett*, *J. Dalby*, *P. George*, *R. Gibbon*, *M. Hall*, the Rev. Mr. *Lawſon*, *Phil. Minus*, *T. Robinſon*, *W. Spicer*, the Rev. Mr. *Wildbore* and *T. Williams*, Capt. in the Royal Artillery.

XI. QUESTION 607 *answered by the Rev. Mr.* Lawson.

CONSTRUC. On AB the given Line, describe a Segment to contain the given Angle. Biſect the Circumf. in D, and join A, D; D, B; Continue DB till BE equals BD; then draw *AE* cutting the Circumf. continued in G. Biſect again this Circumf. ADG in C, and join A, C; C, B and continue CB till BF equals CB; then join A, F, and I ſay ACF is the △ required, whoſe Perpendicular CQ is a *Max.*

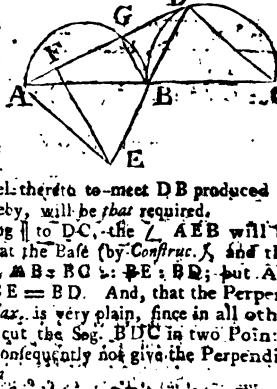


DEMONSTR. From C let fall CP ⊥ to AG, and it will be the greateſt ⊥ in the Seg. ACG. But CQ is ſtill greater, becauſe the *Locus* of the remaining ∠ of the required Triangle (*viz.* EFe) is a Circumf. ſimilar to ADB, to which AF is a Tangent.

NOTE, If the Perpendicular be given in Magnitude, the ſame *Conſtruc.* may be uſed; and if P*o* be ſet off on PC equal thereto, and thro' *o*, D*o*f drawn ‖ to AG, the Points D and *d* will each give a Solution to the *Problem.*

CONSTRUC. *to the ſame by the Rev. Mr.* Crakelt *(the Propoſer).*

LET AB be ſuppoſed the given Line drawn from the unknown ∠ at the Baſe to the Middle of its oppoſite Side, and having produced it to C, ſo that BC may be = AB, deſcribe upon BC a Seg. of a Circle capable of containing an ∠ = the given *one* at the Baſe, and draw the Tangent thereto AD: Then, drawing DC, through A draw a Parallel thereto to meet DB produced in E, and the △ AED, formed thereby, will be *that* required.

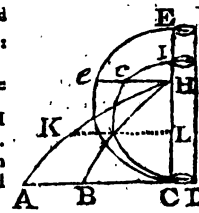


DEMONST. The Line AE being ‖ to DC, the ∠ AEB will be = the ∠ CDB = the given ∠ at the Baſe (by *Conſtruc.*), and the △s ABE, CBD ſimilar; whence, AB : BC :: BE : BD; but AB = BC by *Conſtruc.*); wherefore BE = BD. And, that the Perpendic. EF will, in this Caſe, be a *Max.* is very plain, ſince in all other (poſſible) Caſes the Line AD will cut the Seg. BDC in two Points, and fall nearer to the Point B, and conſequently not give the Perpendic. BG or its double, EF, a *Maximum.*

SCHO. If it was required that EB ſhould be to BD in a given Ratio, or that the Perpendicular inſtead of a *Max.* ſhould be of a given Magnitude, the *Conſtruction* would be the ſame very nearly.

This *Queſt.* is alſo ſolved in a curious Manner by the Rev. Mr. *Wildbore*; and the *Conſtructions* by Meſſrs. *G. Coughron* and *T. Moſs* are eſſentially different from the preceding, except in their *ſtrictly* demonſtrating the Perpendicular to be a *Maximum*.

II. QUESTION 608 *anſwered by the Rev. Mr.* Wildbore.



FHL = EH, KL will = 2EH, and (*per Conics*) $\overline{KL}^2 : HL$ or $4\overline{EH}^2 : \overline{HI}:: \overline{AC}^2 : HC$; $\therefore HE = \frac{\overline{AC}^2}{4HC} =$ 5 Inches; and in like Manner is found IH = 9 Inches. Alſo (*per Newton's Princip. Phil. opt.* p. 329, 330, 331) the Times in which EH and IH may be emptied will $= \frac{\overline{EF}^2 . \sqrt{EH} \times 100 . \sqrt{2}}{\sqrt{193}}$ and $\frac{\overline{EF}^2 . \sqrt{IH} \times 100 . \sqrt{2}}{\sqrt{193}}$ reſpectively; the Diff. of which is evidently = 900" (the Time in which EI is run out at H) *per Queſtion*; hence EF = 6.64872, and the Content of the Cylinder = 2117.8266 cubic Inches.

Anſwer to the ſame by Mr. T. Allen.

LET CEFD repreſent the Cylinder, H the Hole, and HA, HB the ſpouting Water, when the Surface occupies EF and IG reſpectively. Upon the Diameters EC, IC deſcribe the Semi-circles EeC, IcC, and draw *e c* H ⊥ EC: Then, it is well known that the horizontal Diſtances AC, BC, of the ſpouting Fluid, are reſpectively = 2 × *e*H, and 2 × *c* H. Therefore, ſince *e*H and *c*H are given = 2.5, and 1.5 Feet reſpectively, EH and IH are eaſily found = 2.0833 &c. and 0.75 Feet: ∴ CE, the Height of the Cylinder, is = 5.0833 &c. Feet.—Put now, EH = *b*, F = .000054545 the Area of the Orifice in Feet, $s = 16\frac{1}{12}$, *t* = Time of emptying EFGI with the firſt or greateſt Velocity, IH = *c*, EI = 1.33 &c. = *d*, the given Time *t'* = *a*, *p* = .785397 and EF (the Diam. of the Cylinder) = *x*. Then, *per Emers. Meeh.* 1 Ed. Pa. 173, $tF\sqrt{2bs} = pdx^2$; $\therefore t = \frac{pdx^2}{F\sqrt{2bs}}$: And, *per Emers. Flux.* 2 Ed. Pa. 139, $\frac{2pdx^2}{F\sqrt{2bs}} = \frac{pdc^{\frac{1}{2}}x^2}{\sqrt{2b^{\frac{1}{2}}s}} = a$; whence, &c.

Ingenious Anſwers to this *Queſt.* have alſo been received from Meſſrs. *T. Addiſon*, *T. Barker*, *J. Chipchaſe* (the Propoſer), *W. Cole*, *G. Coughron* and the Rev. Mr. *Crakelt*.

XIII. QUESTION 609 *answer'd by Mr.* W. Wales *(the Propoſer).*

PROJECT. Deſcribe the Primitive ABCD for the Equator, and draw BD for the Meridian; from D, ſet off DE = ½ the Arc of the Equator paſſed over in the given Interval, and join P, E. Deſcribe the Horizon AGFC interſecting PE in E; then, from P, the Pole, as a Centre, through F, deſcribe the Parallel of Declination FGH, which ſhall be *that* of the Star required.

DEMON. It is a Thing too well known to need demonſtrating here, that every *Phænomenon* whatever changes its Azimuth the faſteſt poſſible when on the Meridian, and with equal Velocities at equal Diſtances therefrom; conſequently, the Change in Azimuth will be the greateſt poſſible during the whole of any given Interval, when the *Phænomenon* is on the Meridian preciſely at the Middle of that Interval, or when the Semi-diurnal Arc DE, turned into Time, is = ½ the given Interval.

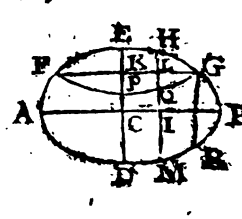
SCHO. It is manifeſt that when the given Interval exceeds 24 Hours, the Declin. will be of the ſame Name with the Latitude, but of a contrary Name when the Interval is leſs.

REMARK. It may at firſt Sight ſeem to ſome, as if this Method of *Projection* would fail in particular Caſes; ſuch as, if it was required to find the Sun's Declin. when his Change in Azimuth was the greateſt poſſible in any given Time, reckoned from his Riſing, and leſs than the ſhorteſt Day in the Latitude given: But on more mature Conſideration this will be found a Miſtake; for in all thoſe Caſes, the Sun's Declin muſt be the greateſt poſſible, and of a different Name with the Latitude, becauſe then the *whole* of the given Interval is the neareſt poſſible to the Meridian, which is the very Principle on which the preceding *Projection* is founded.

I ſcarce need add that Cof. FPI : Rad. :: Tang. IP (the given Lat.) : Tang. : FP the Co-declination required.

The Rev. Mr *Wildbore* alſo gives a curious *Projection* of this *Prob.* on the Plane of the Equinoctial; and the Rev. Mr *Cracklt* and Mr. *G. Congreve* have given ingenious Algebraic Anſwers to it.

XIV. QUESTION 610 *anſwered by Mr.* T. Allen.



LET AEBD repreſent the given Elliptic, and FEGP the Spindle, generated by the Revolution of the elliptic Arc FEG about its Axis FG.—Put CB = *a*, CE = *b*, KC = LI = *d*, CI = KL = *x*, IE = *y*, Arc EH = *z* and *p* = 3.14159; then, *per Conics*, $y = \frac{b}{a}\sqrt{a^2 - x^2}$, and there-

fore $HL = LQ = \frac{b}{a}\sqrt{a^2 - x^2} - d$: Whence $\dot{z}$ $(= \sqrt{\dot{x}^2 + \dot{y}^2})$ $= \frac{\dot{x}}{a}\sqrt{\frac{a^4 - c^2x^2}{a^2 - x^2}}$ (by putting $b^2 - a^2 = -c^2$) and $\frac{2p\dot{\phi}\dot{w}}{a^2}$ $\times \sqrt{a^4 - a^2x^2} - 2p\dot{d}w =$ the *Flux.* of the Spindle; whofe Fluent is $\frac{pb}{a^2}\sqrt{a^4x^2 - c^2x^4} + \frac{pba^2}{c}$ × Circ. Arc, whofe Rad. is 1 and Sine $\frac{cw}{a^2}$, $- 2pdw$, a general Expreffion for the Surface, either of the whole, or of any Fruftum of the Spindle: But the two firft Terms thereof expreſs the Surface of the Portion EHMD of the Spheroid AEBQ; wherefore it is evident that the Radius of a Circle $=$ to the

Surface $\left\{\begin{matrix} EHQP \\ EGQ \\ HGQ \end{matrix}\right.$ will be a Mean-proport between the Surf. $\left\{\begin{matrix} EHMD \\ EGRD \\ HGRM \end{matrix}\right\} - 2p \times KC \times \left\{\begin{matrix} EH \\ EG \\ HG \end{matrix}\right\}$ and $\frac{r}{p}$.

The Rev. Meſſrs. *Crakit* and *Wildbore* have likewiſe given ingenious and *general* Solutions to this *Queſtion*.—*Mr. G. Coughron* gives a general *Conſtruction* to *it*, and refers to Pages 291 and 292 of *Mr. Hutton*'s Menſuration for the Demonſtration.

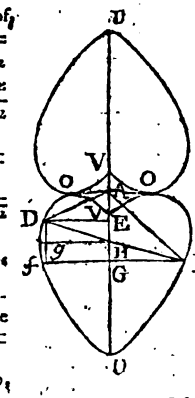
XV. Question 611 *anſwered by the Rev. Mr.* Wildbore.

THE Terms of the propoſed Series being multiplied ſeparately by x^3, x^9, x^{15}, &c. reſpectively, and the *Fluxions* taken, it becomes $\frac{x^4\dot{x}}{2.4} + \frac{1.3.x^8\dot{x}}{2.4.6} + \frac{1.3.5.x^{12}\dot{x}}{2.4.6.8} +$ &c. $= \frac{\dot{x}}{x^4} - \frac{\dot{x}}{2} - \frac{\dot{x}\sqrt{1 - x^4}}{x^4}$ $= \frac{\dot{x}}{x^4} - \frac{\dot{x}}{2} - \frac{\dot{x}\sqrt{1 - x^4}}{x^4} - \frac{\frac{3}{4}\dot{x}}{\sqrt{1 - x^4}} + \frac{\frac{3}{4}\dot{x}}{\sqrt{1 - x^4}}$; the Fluent of which, when $x = 1$, is $\frac{e + \sqrt{e^2 - 2f}}{3} - \frac{5}{6} =$ .040685, the Sum required; where $e = \frac{3}{4}$ the Periph. of the Ellipſis whoſe Semi axes are $\sqrt{2}$ and 1, and $f = \frac{1}{4}$ of *that* of the Circle, whoſe Rad. is 1.

Mr. Allen (the Propoſer) and the Rev. Mr. *Crakit* alſo bring out the ſame Concluſion exactly, by means of *Theo.* 1. *Pa.* 146 of Mr. *Landen*'s Lucubrations.

The Prize-Question *anſwered by Mr.* Tho. Allen, *of* Spalding.

LET DF $(= w)$ repreſent any indefinite Poſition of the Ruler, and DAF $(= z)$ the correſponding Poſition of the Thread. Put



AH, the Dist. of the Tack A from the Mid of the Ruler, $= z$, $HG = HE = x$ and $p = 3.14159$ &c.; then will $\overline{FG}^2 = \overline{DE}^2 = a^2 - x^2$ (47 e. 1), $AE = z - x$ and $AG = z + x$, and consequently $\sqrt{a^2 - x^2 + \overline{z+x}|^2} + \sqrt{a^2 - x^2 + \overline{z-x}|^2} = s$ ∴ $z = \sqrt{\frac{s^4 - 4s^2a^2}{4s^2 - 16x^2}}$ (generally) $= \frac{1}{2\sqrt{1-x^2}}$ in the present Case, where $a = \frac{\sqrt{3}}{2}$ and $s = 2$ (*per Quest.*).—Further, when the Extremity of the Ruler passes the Point O, the *Flux.* of EA, or $\dot{x} - \dot{z}$ will evidently be $= 0$; ∴ $-\frac{1}{2}x\dot{x} \times \overline{1-x^2}|^{-\frac{3}{2}} + \dot{x} = 0$, or $4 \times \overline{1-x^2}|^3 - x^2 = 0$; in which Equation one Root, or Value, of x (which is *that*, here, required) is evidently $= \sqrt{\frac{1}{2}}$.—Now, $p \times \overline{a^2\dot{x} - x^2\dot{x} + \overline{\frac{1}{2}x^3\dot{x} - \frac{1}{2}a^2x\dot{x}} \times \overline{1-x^2}|^{-\frac{3}{2}}}$, $p \times \overline{x^a\dot{x} - a^a\dot{x} + \overline{\frac{1}{2}a^2x\dot{x} - \frac{1}{2}x^3\dot{x}} \times \overline{1-x^2}|^{-\frac{3}{2}}}$ and $p \times \overline{a^2\dot{x} - x^2\dot{x} + \overline{\frac{1}{2}a^2x\dot{x} - \frac{1}{2}x^3\dot{x}} \times \overline{1-x^2}|^{-\frac{3}{2}}}$ being the *Fluxions* of the Solids whereof OVO, IOAOK and IwK are the respective Sections (IK being the *greatest Ordinate*), their Fluents, by proper Correction and Substitution, will be $p \times \overline{\frac{2}{3\sqrt{\frac{1}{2}}} - \frac{2+\sqrt{3}}{4}}$, $p \times \overline{\frac{2}{3\sqrt{\frac{1}{2}}} - \frac{5}{8}}$ and $p \times \overline{\frac{5}{8} + \frac{\sqrt{3}-2}{4}}$; the Sum of the two last of which *minus* the first gives $p \times \frac{\sqrt{3}}{2} =$ the Content of the Solid required; the Ratio of which to *that* of its circumscribing Cylinder will be as $1 : \frac{\sqrt{3}}{2} + \frac{3}{4}$, as is evident from what has been termined above.

Ingenious *Plus Minus*, you see how I prove
Your HEART'S TRUE CONTENT from what's given above:
And since I'm so happy this Truth to discover,
I hope you'll esteem me, *a happy true Lover*.

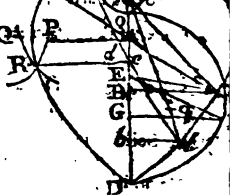
e same answered by the Rev. Mr. Crakelt, *of* Northfleet *in* Kent.

SUPPOSE the Lines drawn as in the preceding Diagram, and the Ruler to be moved from its firſt Poſition Vv, into the Poſition DF, put FA + AD (the Length of the Thread) = 2*e*, FA − AD = 2*r*, DF (the Length of the Ruler) = 2*b*, DE = FG = *y* and = 3.14159 &c. Then, by Theo. 10, 11, Book 2d. of *Simpſon*'s ometry, 2d. Edit. and the Nat. of the *Prob.* will be found $Gv = +b-a\sqrt{\frac{a^2-b^2}{a^2-b^2+y^2}}-\sqrt{b^2-y^2}$, $EV = b-a+a\times\sqrt{\frac{a^2-b^2}{a^2-b^2+y^2}}-\sqrt{b^2-y^2}$ and, ſuppoſing the Solid to be ivided into two Parts by a Plane coinciding with its greateſt Ord. the Sum f the *Flux.* of thoſe Parts $= \frac{2py^3\dot{y}}{\sqrt{b^2-y^2}}$; the correct Fluent whereof $\left(-\frac{2p}{3}y^2\sqrt{b^2-y^2}-\frac{4pb^2}{3}\sqrt{b^2-y^2}+\frac{4pb^3}{3}\right)$ gives (when $y = b$) the Solidity required $= \frac{4pb^3}{3} = \frac{8pb^3}{6}$, the Solidity of a Sphere, whoſe Diam. is = the Length of the Ruler.—Again, $\overline{a^2-b^2+x^2-ax}\times\overline{a^2-b^2+x^2}^{-\frac{1}{2}}$ repreſenting the Value of AE, its *Flux.* made = o, and properly reduced, gives $x^3+\overline{a^2-b^2}\times x = a^2-b^2\times a$, or (ſince $b^2 = \frac{3a^2}{4}$, by the *Data*) $x^3+\frac{a^2}{4}x = \frac{a^3}{4}$; and the Root $\frac{a}{2}$, by Subſtitution, ſhews that, in the preſent Caſe, the Points E, A coincide, or that the Alt. of the circumſcribing Cylinder is = *v* A, and conſequently that its Solidity is to *that* of the generated Solid as $1+\frac{2}{\sqrt{3}} : \frac{4}{3}$.—The ſeveral curious *Corollaries*, deduced from this *Solution* our narrow Limits oblige us to omit; and Mr. *G. Coughron*'s Anſwer is ſo nearly the ſame that it would be needleſs to repeat it.

Mr. *James Yeret* produces FG to meet the Curve again in *f*; then, retaining the laſt Subſtitution, and joining D, *f* and drawing Hg ⊥ thereto, $\sqrt{b^2-y^2} = EH = HQ$ (*per* 47. *e.* 1.) and $4py\sqrt{b^2-y^2}$ = the *Flux.* of the Solid generated by the Revolution of the Space VDg*f*v about the Axis V*v*; the correct Fluent whereof $\left(\frac{4p}{3}\times b^3-\overline{b^2-y^2}^{\frac{3}{2}}\right)$ when $y = b$, gives $\frac{4p}{3}\times b^3 = \frac{p}{6}\times 8b^3$, the Content of the whole Solid required, *let the Length of the Thread be what it will*, &c.

The ingenious Proposer *Philomus*, after his curious Solution, mak the following Remark, *viz.* "I have given the Length of the Three "in Proportion to *that* of the Ruler as 2. to $\sqrt{3}$, that the conjuga "Hearts may *osculate*, as in O and Q; had the Thread been shorte "they would have intersected; had it been longer, they would n "have touched; and had it been much longer, they would not ha "had this Form of an Heart, but would have been two Ovals. Y "In all Cases the Solid generated by the Rotation of one of the Curve "is equal to a Sphere, whose Diameter is equal to the Length of th "Ruler."

General Answer to the same by the Rev. Mr. Wildbo e.



THE Curve being generated by the Motion of the Point *m* from D to O, let the Semi-circ. DFO, whose Rad. is ED (= ½OD = ½*Mm* = C*m*), be supposed to be generated by *that* of the Point F. Thro' the Center E draw EH ‖ to C*m*, and then, the ∠ = *m*CD, FBD being equal, *m* and F must be co-tempo-rary Positions of the two Points. More-over, $\rho . BD . \overline{Bm}^2 = \rho . BG . \overline{Bm}^2 + \rho . GD . \overline{Bm}^2$ is evidently = the *Flux.* of the Solid generated by the Revolution of BmD about BD = $\rho . BG . \overline{GF}^2 + \rho . GD . \overline{GF}^2$ (because Bm = GF): But $\rho . GD . \overline{GF}^2$ the *Flux.* of the Spheric Seg. generated by the Revolution of GF about GD; whence the corrected Fluent of $\rho . BG . \overline{GF}^2 +$ the Seg. = the said Solid; but, let the Relation of BG to GF be what will, when each of them is = to nothing at the same Time, the corrected Fluent of $\rho . BG . \overline{GF}^2$ must necessarily be = 0: In which C therefore, the Segment will be = the Solid. Now *m* and F eviden arrive at O in the same Time, making GF and BG each equal Nothing; and, by Consequence, the Sphere generated by OF D, = Solid generated by Om D.—Which Property is not at all affected $AM + Am$, but it is universal to the whole Family of Curves, wh C*m* is a constant Quantity. Further, Bm is evidently = to the great Diam. of the Solid, or to *that* of its circumscribing Cylinder, and = its Height; ∴ the Ratio of the Solidities will be ⅔ OD : ½ LD.

Now, to determine the Solid answering to any particular *Da* from the Center *i* with the Rad. $iQ = \frac{1}{2}. AM + Am$ describe a C and from A as a Center, with the Power $\overline{Ag}^2 = iQ \sqrt{. iQ^2 - C}$ describe the equilateral Hyperbola PR, and where it cuts the Circl R let fall the ⊥ Re; at *i* erect the ⊥ *is*, and thro' *e* draw *sl*, wh will be = Mm; for (*per Trigonom.*) iQ : Ae :: *ie* : ½. $Al - As$ gl (taking $Ag = iQ$) and $gl + Ag)^2 = \overline{Al}^2 = \overline{Ae + eb}^2$

$\overline{ri}^2 - \overline{re}^2 = \overline{Ae}^2 + 2Ae \cdot ei + \overline{ei}^2$; $\therefore \overline{Ae}^2 + \overline{ri}^2 - \overline{re}^2 = \overline{Ae}^2 \times \overline{Aq}^2 - \overline{ei}^2 = \overline{Ad}^2$: But $\overline{Aq}^2$ $(= \overline{iQ}^2) - \overline{ie}^2 = \overline{Re}^2$ (47. e 1.); therefore $Re \cdot Ae = \overline{Ad}^2$, a known Property of the Hyperbola, whose Asymptote is AD and Power $\overline{Ad}^2$. It is moreover evident that, when Ai is the greateſt poſſible, or when i coincides with L, the Hyperbola will not cut but touch the Circle, AL being univerſally the Height of the circumſcribing Cylinder above AD; and in the particular Caſe propoſed, becauſe $\sqrt{\overline{iQ}^2 - \overline{Cm}^2} = \frac{1}{2}iQ$, $Qd = Re = Ad$, $\overline{iQ}^2 - \overline{Ad}^2 = \overline{Ad}^2$, $\frac{1}{4}\overline{iQ}^2 = \overline{Ad}^2 = \overline{ie}^2$, $Ai = 0$, $Ae = 0$, AD is the Height of the circumſcribing Cylinder, and the Ratio above will become $\frac{1}{2}OD : \frac{1}{4}AD$ or $2 : \frac{3+2\sqrt{3}}{4}$ :: the ſolid Content of the *Heart* to *that* of its circumſcribing Cylinder.

Cor. 1. The *Flux.* of the Area $BmD = BD \cdot Bm = BG \cdot GF + GD \cdot GF = BG \cdot GF +$ *Flux.* of the circ. Segment GFD; whence, when BG and GF each $= o$, the Area $BmD =$ circ. Seg. GFD; wherefore the Area of the whole Circle $=$ that of the Curve.

Cor. 2. From what is ſhewn above, the Solidity of any Seg. of the *Heart*, cut $\perp$ to the Axis OD, is eaſily derived, being $=$ to the Spheric Seg. above $+$ the correct Fluent of $p \cdot BG \cdot \overline{GF}^2 = \frac{1}{6}p \cdot GD \times 3\overline{FG}^2 + \overline{GD}^2 + \frac{1}{2}p \times \frac{\overline{AE}^4}{AC} + \overline{AE}^2 \cdot AC - \overline{AE}^3 =$ the Solid generated by Revolution of BmD about BD.

Cor. 3. In the ſame Manner it will be found that the Fluent of $EG \cdot GF$ is $= \frac{1}{2}AE\sqrt{\overline{AE}^2 - \overline{AC}^2} - \frac{1}{4}\overline{AE}^2 \times$ Hyp. Log. of $\frac{AE - \sqrt{\overline{AE}^2 - \overline{AC}^2}}{AE + \sqrt{\overline{AE}^2 - \overline{AC}^2}}$; which $+$ the circ. Seg. GFD is $=$ the Area of the Curve BmD.

Cor. 4. If Cm is not $= ED$, but in a given Ratio $n : Cm = ED$, then will $\frac{1}{n^2} \times$ Globe $=$ the Solid, as is evident from what is demonſtrated above; and the ſame univerſal Property may be ſtill further extended.

Scho. The above univerſal Properties may be applied to the finding a Number of Fluents of very difficult Forms; but the Subject is much too copious for this Place.

Can I miſtake the *Problem*, miſs the *Prize*!
On whom my Fancy's choiceſt Bleſſings riſe;
For whoſe *Content* ſhe labours and ſhe lives:
Prieſtſhip, Truth *conjugate* the daily gives:
Enwin'd with Love unſpotted;—then may I
E'er guide her on to Bliſs!—to endleſs Joy.

NOTE, *The Initials anſwer the* Prize-*Enigma*.

Ingenious Answers to this *Quest*, have also been received from Me *J. Chipchase*, *T. Barker*, *P. George*, *Wm Hardy* and *Wm Sewell*; the first *Prize* of 12 *Diaries* for the Solution of *it* are fallen to the of the Rev. Mr. *Wildbore* and *that* of 8 to *Plus Minus* the Prop who are desired either to write or send to *Stationers-Hall* for them.

New MATHEMATICAL QUESTIONS *to be answ in the next Year's* DIARY.

I. QUESTION 612 *by Mr.* Tho. Sadler.

IN Whitchurch now a Maid doth dwell,
Her Neighbours stile her bonny Nell:
She likes to live a Maiden's Life,
And won't consent to be a Wife,
Tho' Harry, Richard, Ben and Joe
To Nelly oft a courting go.
Above a Score sue for the Maid,
Fop, Clown, and leering Ganymede,
But to them all 'tis Nelly's Song,
To marry she is yet too young.
Her Age and Fortune you will find
From the 2 Equations here subjoin'd,
Come Artists say, from what is said,
Is Nelly old enough to wed?
For should the Maiden stay too long,
She may forget her fav'rite Song.

Given $\left\{\begin{array}{l} x^2 + y^2 = 13900 + x^3, \text{ and} \\ x^8 + y^8 = 654508000000 + y^4 \end{array}\right\}$ To find x her in Years, and y Fortune in Poun

II. QUESTION 613 *by Mr.* Paul Sharp.

GIVEN the Difference of the Transverse and Conjugate Diame of an Ellipsis = 8, and the Diff of the Length of the gre inscribed Parallelogram and Radius of Curvature at the End of Conjugate Diameter = 3.28426, to find the said Diameters and R of Curvature at the said Point.

III. QUESTION 614 *by Mr.* Wm Gawith.

GIVEN $\overline{x^{15} + y^{15} + z^{15}}|^3 + \overline{x^3 + y^3}|^2 = a$, $x^{15} + y^{15} + z^{15}$ $\times \overline{x^3 + y^3 + z^3}|^3 = b$ and $\overline{x^3 + y^3}|^2 + \overline{x^3 + y^3 + z}$ $= c$, to find x, y and z by Means of Quadratics

IV. QUESTION 615 *by Mr.* J. Chipchase.

IN the Midst of the Market-Place at *Stockton* is erected a fine Colu of the Doric Order, on the Top of which stands an Urn 5 Fee Height that appears the greatest possible to a Person (the Height whose Eye is $5\frac{1}{2}$ Feet) standing at the Distance of 32 Feet from Base of the Column, on level Ground: from whence the Colum Height is required.

V. QUESTION 616 *by Mr.* Wm Spicer.

REquired the Area of the Exponential Curve, whose Equatio

$$\overline{x}|^{x^2} = b^{\frac{y^{\frac{1}{2}}}{x}}.$$

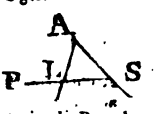
VI. QUESTION 617 *by Mr.* Samuel Vince.

IF the Subtangent of a Curve be expressed by $\dfrac{\overline{dx - x^4}|^2 \times y}{\overline{a - bx^2}|^2 \times}$ required the Value of the Semi-ordinate y thereof, when the Abs x is = a given Quantity s.

VII. QUESTION 618 *by Mr.* J. Addiſon.

SUPPOSE a triangular Priſm, whoſe Length is 12 Feet and Baſe a right-angled Iſoſceles Triangle, the longeſt Side of which is alſo 12 Feet, to be placed perpendicularly in a Stream of Water 12 Feet deep, with its right Angle directly facing the Stream; required the Veloc: of the Stream *per* Second, when its Force againſt the Priſm is = 387073lb. Av.

VIII. QUESTION 619 *by Mr.* Steph. Ogle.

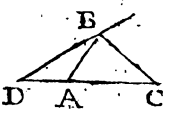


GIVEN an Angle A in Magnitude and a Point P in Poſition, to draw a Right-line PLS in ſuch a Direction, that PLS + M may be equal to AS + AL, M being a given Right-line.

IX. QUESTION 620 *by Mr.* Edw. Williams, Capt. *in the* Royal Artillery.

THE ſame *Conſtruc.* remaining as in Monſ. *Fermat*'s Theorem (ſee the laſt Year's *Diary*) it is required to demonſtrate, *geometrically*, when OV will be a *Maximum*.

X. QUESTION 621 *by the Rev. Mr.* Wildbore.



GIVEN the Right-line DC and the Angle D, it is propoſed *geometrically* to determine the Point B ſo, that BA, DA being in a given Ratio, the Sum of BA and BC may be a given Quantity.

XI. QUESTION 622 *by the Rev. Mr.* Crakelt.

GIVEN the Right-line biſecting the Vertical Angle of any plane Triangle and terminating in its Baſe, and the Rectangle under each Side and its adjacent Segment of the Baſe made by the ſaid Biſecting-line, to conſtruct the Triangle.

XII. QUESTION 623 *by Mr.* T. Moſs.

IF from the Extremities of the Diameter of a Circle ever ſo many Chords are drawn, two and two, interſecting each other in an Ordinate perpendicular to that Diameter, the Chords joining the Extremities of every correſponding two of them, being produced, will all interſect the ſaid Diameter produced in one Point; query the Demonſtration.

XIII. QUESTION 624 *by Mr.* J. Powle.

GIVEN $1^3.1^2+2^3.3^2+3^3.5^2+4^3.7^2$ &c. . . . . to x Terms = 8.458157o2, to find x;

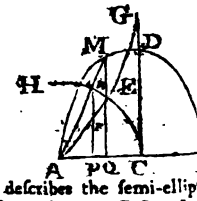
Where x is the Age of my Partner for Life:
A fond Mother, true Friend, and good Wife.

XIV. QUESTION 625 *by* Plus Minus.

JUST after reading in the Book of Geneſis of the Tower of Babel, whoſe Top was to reach up to Heaven, I fell aſleep, and dreamed, that I was got upon the Top of this Tower. When St. Paul's Clock in *London* began to ſtrike 12, I ſaw my own Shadow fall on that Church, and ſome Time after ſaw it quit the Earth's Surface, juſt at the Spot

where a Man ſeemed to be very hard at Work. I cried out (as loud I could bawl) ſurely, Friend, 'tis Time to leave off; I think ſo too ſays he, for our Clock wants but a Quarter of 7. This Adventure happened on the firſt of May, as I knew by the Garlands on the May Poles all about the Country, and ſo the Sun's Declination was 15° 19. Hence I would know the Height of the Tower, the Place where I ſtood, and the Habitation of my Friend aforeſaid.

XV. QUESTION 626 *by Mr.* Tho. Allen.



LET ADB be a given Semi-Ellipſe, CrH a circular Arc deſcribed on the Center A with the Rad. AC = the Semi-conjugate, and ſuppoſe the Right-line A r M cutting the Circle in r and the Ellipſe in M, to revolve about the Point A, until it coincides with AB. Let, alſo, QM, P r be drawn perpendicular to AB in the Points Q and P, and on Pr (produced when neceſſary) let Pr be taken *always* = AQ; then, whilſt the Point M deſcribes the ſemi-elliptic Arc ADB, the Point r will deſcribe the Curve-line ArEG. It is required to determine the Content of the Solid generated by the Revolution of the ſaid Curve about its Axis AC.

The PRIZE-QUESTION, *by the Rev. Mr.* Wildbore. — (*Whoever anſwers it before* Candlemas-Day, *has a Chance for* 12, *and another for* 8 Diaries.)

A Lady ſent her Servant to a Well famous for its excellent Water, who filled the Bucket, and drew it up very uniformly and ſteadily; but when the Bottom arrived at Land, found that the laſt Drop of Water was running out of it; for ſome unlucky Boys had bored a Hole therein 1.066105 Inch Diameter. Hence the Time it was in drawing up is required, the Diameter and Depth of the Bucket being each of them one, and the Depth of the Well to the Surface of the Water 29 Feet.

*** *All Contributors to this* Diary *are deſired to ſend their Letters* (*Poſt paid*) *before the Beginning of* May, *directed to the Author, at Mr.* George Hawkins's *at* Stationers-Hall, London.

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Price Nine Pence ſtitched.

plain and eaſy TABLE, ſhewing the Time of HIGH-WATER at all theſe Places under-named.

...f in the TABLE, you have the Time of HIGH-WATER at all the undernamed Places.	Queenſborough, Portſmouth, Southampton, Kentiſh-Knock, Leith, Beachy, Iſle of Wight, Dunkirk, Calais, Cadiz, Coaſt of Flanders, at the Spits and Dover-Peer.	Gravelend, Downs, Blackneſs, Romney, Thanet, Silly Half-tide, North-Cape before Cocquis, and between Calais and Dover.	London, Tinmouth, Hartlepool, Amſterdam, Whitby, Dort, Gaſcoin, Weſt of Ireland, at Groin, at Rotterdam, and in Robin-Hood's Bay.	New-Caſtle, Humber, Falmouth, Severn-mouth, at the Spurn between Scilly and Lizard, Ramſey, Dartmouth, Guernſey, Torbay, St. Malo's.	Plymouth, Antwerp, Hull, St. David's, Hamms of Briſtol, Lundy, St. Paul's, Salcomb without Uſhant, at Waterford, and at Lynn Half-tide.	Briſtol-Key, Weymouth-Key, Alborough, Foulneſs, Lime, the Start before St. Nicholas, Sedmouth in the Channel, between Foy and Falmouth.	Yarmouth-Road, Harwich, Calais-Road, Dover, Cowes, Caen, the Frith, South-Foreland, St. Helen's Coaſt of Normandy, and Picardy.	Hayre, Peter-port, Dublin, between Beachy and the Iſle of Wight, Yarmouth, St. Magnus's Sound, Conbay, without the Caſkets in the Channels.
's A.	H. M.	H. M	H. M.	H. M.	H. M.	H. M.	H. M.	H . M
1 16	12 48	2 18	3 48	6 3	6 48	7 33	11 12	9 3
2 17	1 36	3 6	4 36	6 51	7 36	8 21	12 6	9 51
3 18	2 24	3 54	5 24	7 39	8 24	9 9	12 54	10 39
4 19	3 12	4 42	6 12	8 27	9 12	9 57	1 42	11 27
5 20	4 0	5 30	7 0	9 15	10 0	10 45	2 30	12 15
6 21	4 48	6 18	7 48	10 3	10 48	11 33	3 18	1 3
7 22	5 36	7 6	8 36	10 51	11 36	12 21	4 6	1 51
8 23	6 24	7 54	9 24	11 39	12 24	1 9	4 54	2 39
9 24	7 12	8 42	10 12	12 27	1 12	1 57	5 42	3 27
10 25	8 0	9 30	11 0	1 15	2 0	2 45	6 30	4 15
11 26	8 48	10 18	11 48	2 3	2 48	3 33	7 18	5 3
12 27	9 36	11 6	12 36	2 51	3 36	4 21	8 6	5 51
13 28	10 24	11 54	1 24	3 39	4 24	5 9	8 54	6 39
14 29	11 12	12 42	2 12	4 27	5 12	5 57	9 42	7 27
15 30	12 0	1 30	3 0	5 15	6 0	6 45	10 30	8 15

The foregoing Table explained,

NOTE, That the Moon's Age being taken notice of by the Rule in this TABLE, you may obtain the Time of HIGH-WATER all the Places above-named. Obſerve, When the Moon is one or ſixteen Days old, it is HIGH-WATER at London, Tinmouth, Hartlepool, &c. at 3 o'Clock, and 48 Minutes paſt. Obſerve the ſame of the reſt, which is plain to the meaneſt Capacity. The Day of the Moon's Age you have in the fifth Column on every left-Hand Page of the Almanack.

A plain and eaſy TABLE of Simple Intereſt, at Five Pounds per Cent from Five Shillings to a Thouſand Pounds; and, to avoid Fractions it is fitted to the meaneſt Capacity, as near the Truth as poſſible.

	Fog	One Month.	Two Months	Three Months.	Six Months.	Nine Months.	A Year.
		s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d. q.
Shillings.	5	0 0 2	0 0 2	0 0 3	0 1 2	0 2 1	0 3 0
	10	0 0 2	0 1 0	0 1 2	0 2 1	0 4 2	0 6 0
	15	0 0 3	0 1 2	0 2 1	0 3 2	0 6 3	0 9 0
Pounds.	1	0 1 0	0 2 0	0 3 0	0 6 0	0 9 0	1 0 0
	2	0 2 0	0 4 0	0 6 0	1 0 0	1 6 0	2 0 0
	3	0 3 0	0 6 0	0 9 0	1 6 0	2 3 0	3 0 0
	4	0 4 0	0 8 0	1 0 0	2 0 0	3 0 0	4 0 0
	5	0 5 0	0 10 0	1 3 0	2 6 0	3 9 0	5 0 0
	6	0 6 0	1 0 0	1 6 0	3 0 0	4 6 0	6 0 0
	7	0 7 0	1 2 0	1 9 0	3 6 0	5 3 0	7 0 0
	8	0 8 0	1 4 0	2 0 0	4 0 0	6 0 0	8 0 0
	9	0 9 0	1 6 0	2 3 0	4 6 0	6 9 0	9 0 0
Tens of Pounds.		l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.	l. s. d.
	10	0 0 10	0 1 8	0 2 6	0 5 0	0 7 6	0 10 0
	20	0 1 8	0 3 4	0 5 0	0 10 0	0 15 0	1 0 0
	30	0 2 6	0 5 0	0 7 6	0 15 0	1 2 6	1 10 0
	40	0 3 4	0 6 8	0 10 0	1 0 0	1 10 0	2 0 0
	50	0 4 2	0 8 4	0 12 6	1 5 0	1 17 6	2 10 0
	60	0 5 0	0 10 0	0 15 0	1 10 0	2 5 0	3 0 0
	70	0 5 10	0 11 8	0 17 6	1 15 0	2 12 6	3 10 0
	80	0 6 8	0 13 4	1 0 0	2 0 0	3 0 0	4 0 0
	90	0 7 6	0 15 0	1 2 6	2 5 0	3 7 6	4 10 0
	100	0 8 4	0 16 8	1 5 0	2 10 0	3 15 0	5 0 0
	200	0 16 8	1 13 4	2 10 0	5 0 0	7 10 0	10 0 0
	300	1 5 0	2 10 0	3 15 0	7 10 0	11 5 0	15 0 0
	400	1 13 4	3 6 8	5 0 0	10 0 0	15 0 0	20 0 0
	500	2 1 8	4 3 4	6 5 0	12 10 0	18 15 0	25 0 0
	600	2 10 0	5 0 0	7 10 0	15 0 0	22 10 0	30 0 0
	700	2 18 4	5 16 8	8 15 0	17 10 0	26 5 0	35 0 0
	800	3 6 8	6 13 4	10 0 0	20 0 0	30 0 0	40 0 0
	900	3 15 0	7 10 0	11 5 0	22 10 0	33 15 0	45 0 0
	1000	4 3 4	8 6 8	12 10 0	25 0 0	37 10 0	50 0 0

If you would know the Intereſt of one Hundred Pounds for one Month, two Months, three Months, ſix Months, nine Months, or one Year, look for 100l. in the Side; and in the next Column, under one Month, is 8s. 4d. for two Months 16s. 8d. for three Months 1l. 5s. for ſix Months 2l. 10s. for nine Months 3l. 15s. and for a Year 5l. and ſo of the reſt.

This is the honeſt Way by which Men ſhould
To Int'reſt let their Silver and their Gold;
Yet worldly Miſers, when to Raking fall,
They with their Intereſt get the Devil and all.

A TABLE of the KINGS and QUEENS of ENGLAND, from King EGBERT to our Sovereign Lord GEORGE III.

Their Names.	Reign beg.	years
1 King Egbert	819	17
2 Ethelwolf	836	21
3 Ethelbald	857	3
4 Ethelbert	860	6
5 Ethelred I.	866	6
6 Alfred	872	29
7 Edw. I. Saxon	901	23
8 Athelstan	924	16
9 Edmund I.	940	6
10 Eldred	946	9
11 Edwin	955	4
12 Edgar	959	16
13 Edw. II. Saxon	975	3
14 Ethelred II.	978	38
15 Edmund II.	1016	1
Danish Line.		
16 Canutus I.	1017	20
17 Harold I.	1037	3
18 Canutus. II.	1040	2
19 Edw. Confessor	1042	24
20 Harold II.	1066	1
Norman Line.		
21 William Conq.	1066	21
22 William Rufus	1087	13
23 Henry I.	1100	35
24 Stephen	1135	19
Saxon Line restored.		
25 Henry II.	1154	35
26 Richard I.	1189	9
27 John	1199	17
28 Henry III.	1216	56
29 King Edward I.	1272	35
30 Edward II.	1307	19
31 Edward III.	1326	51
32 Richard II.	1377	22
Lancaster Line.		
33 Henry IV.	1399	13
34 Henry V.	1413	9
35 Henry VI.	1422	38
York Line.		
36 Edward IV.	1460	22
37 Edward V.	1483	0
38 Richard III.	1483	2
Families United.		
39 Henry VII.	1485	24
40 Henry VIII.	1509	38
41 Edward VI.	1547	6
42 Queen Mary I.	1553	5
43 Q. Elizabeth.	1558	44
Kingdoms United.		
44 James I.	1603	22
45 Charles I.	1625	23
46 Charles II.	1648	36
47 James II.	1684	4
48 Mary II. / William III.	1688	6 / 13
49 Queen Anne	1702	12
50 George I.	1714	13
51 George II.	1727	33
52 George III.	1760	
Whom God preserve.		

THE

INTRODUCTION.

To my Countrymen, and all my Readers.

IN a briſk Evening when the Sun was ſet,
And Night and Day in ſober Sadneſs met.
When dying Day ſtrove with Night's ling'ring Birth
And Clouds like Curtains ſerv'd to ſcreen the Earth.
When Night forbids to labour, Day being done
And Company of all Sorts crowding home.
When all were weary, all, both Man and Beaſt,
And toilſome Labour ſent them both to Reſt;
I big, with Thoughts, went to ſurvey the Town,
When Sol ſurvey'd the Weſtern Horizon.
And in the Proſpect, having gaz'd it o'er,
My Eyes ſaw much, my Thoughts ſaw ten times more.
I ſaw Prophaneneſs ſtrut along the Main,
And at the ——— Inn ſhe lodg'd her Train.
Vice walked in State, with Folly by her Side,
Attended too with Villany and Pride.
At which my Soul grew ſad, my Eyes grew wet,
For Grief and Pity in my Boſom met.
I turn'd about, and being thus inſpir'd,
Strait to a ſilent ſhady Grove retir'd,
'Twas by a River Side, my only Choice,
The Place as innocent as Paradiſe.
There did I think, and there bewail theſe Crimes,
And Judgements too of the approaching Times.
Sweet were my Sighs and Tears, Thoughts being free,
And all things preſent ſeem'd to mourn with me.
The glittering Streams went murmuring away,
Slid by the Banks like thoſe afraid to ſtay.
The very Clouds that wander here and there,
And ſtagger to and fro with Wind and Air;
They ſeem'd concern'd, and in a Hurry runs
To know from whence poor Nature's Grievance comes;
Which when they heard, amaz'd away they crept,
They fled for Fear, and as they fled they wept,
The trembling Trees too ſeem'd poſſeſs'd with Fear,
Shewn by their Murmur from the broken Air,
Whoſe ſhivering Twigs in Cluſters ſhook and bow'd,
And ſighing Sorrows in their Eccho ſhow'd;
Which was no ſooner utter'd from the Plain,
But Hills and Vallies it refound again.

IT is neceſſary to be remembered, That by Virtue of an Act of Parliament made in the Year 1751, for Alteration of the Stile, the Beginning of the Year was changed from the 25th of March to the firſt Day of January. This Change took place on the firſt of January, 1752; and the Act enjoins and directs, That from and after that Time, every ſucceeding firſt Day of January, in every Year to come, ſhall be the firſt Day of every Year reſpectively; and that all Deeds and Writings, of what Nature and Kind ſoever, ſhall be dated accordingly.

In Conſequence of the ſame Act of Parliament, the Uſe of the Julian Account or Old Stile, heretofore followed in this Country, ceaſed on the Second of September of the ſame Year, 1752; and by dropping or leaving out eleven nominal Days, and calling the next, which would have been the third, the fourteenth, the New Stile took place; and from thence, by the ſaid Act, is directed to be uſed for all Time to come, in all his Majeſty's Dominions ſubject to the Crown of Great-Britain. By this Alteration, the ſeveral Fixed or Immoveable Feaſts, as they are ordered to be placed in the New Calendar upon the ſame nominal Days of the reſpective Months as they were placed upon in the Old, will come eleven Days earlier than they would otherwiſe have done, and thereby make all Things depending upon them, ſuch as the Opening or Incloſing of common Fields and Paſtures, the Holding of Fairs and Marts, the Payments of Rents and Annuities, and the Commencement or Extinction of many private Rights and Matters of Property, do the ſame: To prevent therefore any Inconvenience ariſing therefrom, the Act provides and directs, That the Opening or Incloſing of Paſtures, the Payments of Rents, Annuities, and all other Things depending on the Fixed or Immoveable Feaſts, ſhall not by this Means be accelerated or forwarded; but that the Days of Opening or Shutting ſuch Paſtures, of paying ſuch Rents or Annuities, and of doing ſuch other Matters and Things formerly to be done and performed on the ſaid Feaſts, ſhall be Kept, Obſerved, and Performed on the ſame Natural Days of the Year on which the ſame Feaſts would have fallen if this Act had not not been made. For this Reaſon the fifth of April is called Old Lady-Day, and the 10th of October, Old Michaelmas-Day, and ſo of the reſt, as being the reſpective Days on which all ſuch Rents and Payments become due, ſuch Rights take place, and ſuch Matters and Things to be done, and not before. All that is here ſaid relates to the ſeveral Things above-mentioned depending on Fixed or Immoveable Feaſts; but all ſuch as depend on Moveable Feaſts, or Days depending on them, are to take place, and be reckoned according to the New Calendar, in Purſuance of an Act of Parliament of the Year 1752, for amending the former Act of the Year 1751.

N. B. That all Dates of Births, Deaths, or other remarkable Events in the Regal or Chronological Tables, prior to, or upon the Second of September, 1752, are to be underſtood according to the Julian Account, or Old Stile.

Lands ſurveyed, divided, and encloſed, and Maps of the ſame correctly delineated, and Timber and Polewood ſurveyed, valued, and ſold, by VINCENT WING, of Pickworth, in the County of Rutland, and THOMAS WRIGHT, of Eaton, in the County of Leiceſter, Practitioners in the Mathematicks.

A Table of Terms and Returns for the Year 1770.

Hilary Term begins January 23, ends February 1[illegible].

Returns or Essoigns Days.		Exc.	Ret.	Ap.	W. D.
In eight Days of St. Hilary	Jan. 20	21	22	23	Tuesday
From the Day of St. Hilary in 15 Days	27	28	29	30	Tuesday
On the Mor. of the Purif. of Bl. V. M.	Feb. 3	4	5	6	Tuesday
In eight Days of the Purif. of the Bl. V. M.	9	10	11	12	Monday

Easter Term begins [illegible], ends May [illegible].

From the Day of Easter in 15 Days	April 29	30	M 1	2	Wednesd.
From the Day of Easter in 3 Weeks	May 6	7	8	9	Wednesd.
From the Day of Easter in 1 Month	13	14	15	16	Wednesd.
From the Day of Easter in 5 Weeks	20	21	22	23	Wednesd.
On the Morrow of the Ascension	25	26	27	28	Monday

Trinity Term begins June 15, ends July 4.

On the Morrow of the Holy Trinity	June 11	12	13	15	Friday
In eight Days of the Holy Trinity	17	18	19	20	Wednesd.
From the Day of Holy Trin. in 15 Days	24	25	26	27	Wednesd.
From the Day of H. Trin. in 3 Weeks	Ju. 1	2	3	4	Wednesd.

Michaelmas Term begins Nov. 6, ends Nov. 28.

On the Morrow of All Souls	Nov. 3	4	5	6	Tuesday
On the Morrow of St. Martin	12	13	14	15	Thursday
In eight Days of St. Martin	18	19	20	21	Wednesd.
From the Day of St. Martin in 15 Days	25	26	27	28	Wednesd.

N. B. No Sittings in Westminster-Hall on Ascension-Day, Midsummer-Day, and the Second Day of February.

The Exchequer opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the first and last Days of every Term are the first and last Days of Appearance.

Common Notes for the Year 1770.

Golden Number	4	Shrove Sunday	Feb. 25
Cycle of the Sun	15	Easter Day	April 15
Dominical Letter	G	Rogation-Sunday	May 20
The Epact	3	Ascension Day	May 24
Number of Direction	6	Whit Sunday	June 3
Sundays after Epiphany	5	Sundays after Trinity	24
Septuagesima Sunday	Feb. 11	Advent Sunday	Dec. 2

JANUARY hath XXXI Days.

Awake, awake, my drowsy slumb'ring Muse,
Oh! that I may the Truth for ever chuse!
Great Jove, inspire my Brain, my Pen direct,
That I the Truth may evermore affect!
Assist, ye Heavens! you mighty Fates, infuse
Zeal in my Heart, that so my Hands may chuse

M D	W D	Fasts and Festivals.	☉ pl.	☽'s Signs.	☽ A	☽ rises and sets	Aspects and Weather.
1	a	Circumcision.	11	ancles	5	8 A 55	The New Year
2	b	Day 7 hours 42	12	feet	6	10 5	begins with good
3	c	minutes long.	13	toes	7	11 16	weather for the
4	d	Cl. too fast 6 m.	14	head	8	Morn.	season.
5	e	Old Chr. Day.	15	face	9	0 30	Rain or snow
6	f	Epiphany.	16	neck	10	1 46	at or about this
7	G	1 S. aft. Epiph.	17	throat	11	3 3	time;
8	a	Plough Mond.	18	arms	12	4 22	more clear
9	b	Day 8 h. long.	19	should.	13	5 33	☌ ☉ ☿ and
10	c	Night 16 hours	20	breast	14	6 33	frosty air for
11	d	Day increased	21	stom.	F	☽ rises.	several days,
12	e	Old N. Y. D.	22	heart	16	5 A 40	not much alte-
13	f	Hilary.	23	back	17	7 4	ration as yet,
14	G	2 S. aft. Epiph.	24	bowels	18	8 26	☽ ♄ ☿ cold
15	a	36 minutes.	25	belly	19	9 44	and winterly
16	b	Day breaks 49	26	reins	20	10 57	weather conti-
17	c	minutes past 5.	27	end	21	Morn.	☽ ☉ ♄ nues
18	d	Q. C. B. D. K.	28	loins	22	0 6	for several days,
19	e	D. 8h. 20m. l.	29	secret	23	1 19	now more clear
20	f	Fabian B. & M.	♒	memb.	24	2 25	and frosty air,
21	G	3 S. aft. Epiph.	2	hips	25	3 27	no great altera-
22	a	Vincent.	3	thighs	26	4 25	tion as yet,
23	b	Term begins.	4	knees	27	5 15	very temperate
24	c	Day light ends	5	and	28	5 56	for the season.
25	d	St. Paul's Con.	6	hams	29	6 31	windy unsetled
26	e	Policarpus.	7	legs	30	☽ sets.	weather about
27	f	20 min. past 6.	8	end	1	5 A 29	the new moon,
28	G	4 S. aft. Epiph.	9	ancles	2	6 36	rain or snow
29	a	Day increased	10	feet	3	7 45	☽ ♄ ♀ with va-
30	b	K. Ch. I. Mart.	11	toes	4	8 57	riety of weather
31	c	1 hour 22 m.	12	head	5	10 9	concludes the m

The 12 Day at 2 in Morn. Saturn
The 22 Day at 4 in After. Jupiter
The 23 Day at 11 at Night, Mars } is with the Moon.
The 24 Day at 4 in After. Venus
The 28 Day at 6 in Morn. Mercury
The 19 Day ☉ enters ♒ 10 hours 5 mnutes P. M.

M D	Sun rises.	Sun sets.	Moon's South.	Observations.
1	8 9	3 51	3 14	A Jove Principium.
2	8 8	3 52	3 58	Here is great Hopes that the Year
3	8 7	3 53	4 42	begins well, and that many weighty
4	8 6	3 54	5 28	Matters that have been some time in
5	8 5	3 55	6 17	in Dispute, are in a fair Way of being
6	8 5	3 55	7 10	First Quart. 5 Day at 1 Morn.
7	8 4	3 56	8 9	accommodated, by which many receive
8	8 4	3 56	9 6	great Satisfaction. The Sun being in
9	8 3	3 57	10 8	Conjunction with Mercury portends Pro-
10	8 2	3 58	11 12	posals to Peace and Amity; but we are
11	8 1	3 59	Morn.	soon presented with 3 Oppositions of the
12	8 0	4 0	0 13	Planets. The first is of Saturn and
13	7 59	4 1	1 10	Full Moon 11 Day at 5 After.
14	7 58	4 2	2 4	Mercury; now the Sons of Discord will
15	7 57	4 3	2 54	play their Parts to the Purpose in many
16	7 56	4 4	3 42	Parts of the World. The second is of the
17	7 54	4 6	4 28	Sun and Saturn, and it is no wonder if
18	7 53	4 7	5 17	some dissatisfied People do stretch the
19	7 51	4 9	5 58	Limits of Modesty. Majesty itself is
20	7 50	4 10	6 45	some Parts of the World will be
21	7 48	4 12	7 32	Last Quart. 18 Day at 6 at Night.
22	7 47	4 13	8 21	affronted, and a Stretch with an Halter
23	7 45	4 15	9 11	will cure the Frenzy of the Malecon-
24	7 44	4 16	9 59	tents. The third is of Saturn and
25	7 43	4 17	10 46	Venus; Ladies, be patient, your Days of
26	7 41	4 19	11 32	Sorrow will be turned to Joy, the old
27	7 39	4 21	0 19	Gentleman is weak and his malignant
28	7 37	4 23	1 4	Rays are not powerful; some pleasing
29	7 35	4 25	1 48	News from abroad, and there is great
30	7 34	4 26	2 32	New Moon 26 Day at 6 Night.
31	7 32	4 28	3 17	Hopes that Trade will begin to thrive to
				the Content of the industrious Merchant
				God send us Peace, and free from open
				Wars,
				We'll never heed some small domestick
				Jars.

FEBRUARY hath XXVIII Days.

To hold my Quill, no longer than my Mind
's unto true and virtuous Acts inclin'd.
The World's a Stage of vaſt Variety,
Where Man's the Duelist who's forc'd to play.
At Waſters with each Vice, oh happy he,
That o'er ſuch Foes obtains a Victory!

W D	Faſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ A	☽ riſes and ſets	Aſpects and Weather.
d	St. Bridget.	13	face	6	11 A 24	Overcaſt and
e	Purification.	14	neck	7	Morn.	variable weather
f	Blaſius, Biſhop	15	and	8	0 41	and a cloudy air
G	5 S. aft. Epiph	16	throat	9	1 56	for ſeveral days,
a	Day breaks	17	arms	10	3 7	now more ſerene
b	56' p. 5 Morn.	18	ſhould.	11	4 12	and froſty for
c	Twilight 2 h.	19	breaſt	12	5 3	✱ ☉ ♃ ſome
d	Procyon ſouth	20	ſtom.	13	5 45	time. Windy
e	57 min. p. 9.	21	heart	14	6 17	and mixt wea-
f	St. Severin.	22	back	F	☽ riſes.	ther, but gene-
G	Sept. Sunday.	23	bowels	16	7 A 10	rally fair and
a	Term ends.	24	belly	17	8 29	froſty with ſun-
b	Old Can. Day	25	reins	18	9 44	ſhiny days, tem-
c	Valentine	26	loins	19	10 57	perate and mild
d	Day light ends	27	ſecret	20	Morn.	for the ſeaſon,
e	6 hours 56 m.	28	mem.	21	0 5	little or no
f	twil. 1 h. 57 m.	29	bladder	22	1 11	✱ ♃ ☿ alter a-
G	Sex. Sunday.	29	hips	23	2 11	tion at the pre-
a	Day breaks at	♓	thighs	24	3 5	ſent, fine air with
b	5 in Morn.	2	hams	25	3 59	morning froſts,
c	Clock too faſt	3	and	26	4 28	now cold and
d	13 min. 57 ſec.	4	knees	27	4 59	cloudy air pro-
e	Policarpus.	5	legs	28	5 25	☌ ☉ ☿ ducing
f	St. Matthias.	6	ancles	29	5 49	☿ ♄ ♂ rain or
G	Shrove Sunday	7	feet	N	☽ ſets.	ſnow with winds
a	Day 10 h. long	8	toes	2	6 A 45	and winterly
b	Shrove Tueſ.	9	head	3	7 59	☌ ☿ ♆ weather
c	Aſh Wedneſ.	10	and	4	9 14	to the month's
						end.

The 8 Day at 1 in After. Saturn
The 20 Day at 10 in Foren. Jupiter
The 23 Day at 4 in Morn. Mars } is with the Moon.
The 24 Day at 11 at Night, Venus
The 25 Day at 11 in Foren. Mercury

The glorious Planet Venus is a Morning Star till the 24

M D	Sun rises.		Sun sets.		Moon South.		Observations.
							Pax Optima rerum.
1	7	39	4	30	4	5	The last Lunation was celebrated in
2	7	29	4	31	4	56	the 4th House in the 7th Degree of
3	7	27	4	33	5	5[illegible]	First Quart. 3 Day at Noon.
4	7	26	4	34	6	47	Aquarius, an humane Sign; and ol
5	7	24	4	36	7	4[illegible]	Saturn posited in the 10th in the latte
6	7	22	4	38	8	47	Degrees of Cancer. Many Misfortune
7	7	20	4	40	9	48	attend poor Mortals in this Life, bu
8	7	18	4	42	10	46	the Grave equals all, there the Scepte
9	7	16	4	44	11	42	and the Spade are at Peace, no contend
10	7	14	4	46	Morn.		ing for Superiority, no Canting, Trick
11	7	12	4	48	0	35	Full Moon 10 Day at 4 Mor
12	7	10	4	50	1	26	ing, nor Over-reaching. Now the Affair
13	7	9	4	51	2	14	of Nations seem in a good Posture, th
14	7	7	4	53	3	2	Northern Crowns would gladly be a
15	7	5	4	55	3	49	Peace, and there is Hopes of a Mediatio
16	7	3	4	58	4	37	to settle that Affair. Now the gran
17	7	1	4	59	5	25	Disturber of the Peace of Europe see
18	6	59	5	1	6	15	Last Quart. 17 Day at 1 Aft
19	6	57	5	3	7	3	the Folly of his Ambition; God i
20	6	55	5	5	7	51	King and Ruler over all the Nations o
21	6	53	5	7	8	39	the Earth; therefore, let none say the
22	6	51	5	9	9	26	have gotten the Land by their ow
23	6	50	5	10	10	12	Sword; the Stars in their Cours
24	6	48	5	12	10	58	fought against Sisera; they have a
25	6	46	5	14	11	3	Influence over things sublunary. B
26	6	44	5	16	0	30	who is it that brings forth Mazaroth i
27	6	42	5	18	1	16	New Moon 25 Day at 4 Aft
28	6	40	5	20	2	4	his Season? or can loose the Bands
							Orion? none but the Mighty-one, wh
							first created them.
							The Paths of Greatness do but slippe
							prove
							Full oft to those that do Ambition lo

MARCH hath XXXI Days.

If I'd court Life, 't ſhou'd be for Friendſhip Sake
Not for its own, it being a Blaſt too weak:
The ſmalleſt puff of Envy blows it out
Or leaves us to the Mercy of the Rout,
And yet of Friends (as the divine Cowley ſings),
The Earth hath had much fewer, than of Kings.

M	W D	Feaſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ A	☽ riſes and ſets	Aſpects and Weather.
1	d	Dav. A. B. Mar.	11	face	5	10 31	Unſetled and
2	e	Chad. B. Litch.	12	neck	6	11 47	variable weather
3	f	Day 10 h 52′	13	throat	7	Morn.	ſtill continues
4	G	1 S. in Lent.	14	arms	8	1 0	with ſtorms of
5	a	Prs. Heſſe born	15	ſhould.	9	2 5	rain or hail, mo-
6	b	Day increaſed	16	breaſt	10	3 0	derate weather
7	c	Ember Week.	17	ſtom.	11	3 44	for the ſeaſon,
8	d	3 hours 34 m.	18	heart	12	4 18	winds and
9	e	Regulus ſouth	19	back	13	4 47	ſtorms at or
10	f	at 11 at night	20	bowels	14	5 13	about the full
11	G	2 S. in Lent.	21	belly	♍	☽ riſes.	moon, briſk
12	a	Hydra's heart	22	reins	16	7 A 23	□ ☉ ♃ winds
13	b	ſouth at 10	23	and	17	8 38	with morning
14	c	at night	24	loins	18	9 51	froſts, △ ☉ ♄
15	d	Clocks too faſt	25	ſecret	19	10 59	dark ſky □ ♃ ☿
16	e	9 min. 13 ſec.	26	memb.	20	Morn.	but clear again
17	f	St. Patrick	27	hips	21	0 3	at different in-
18	G	3 S. in Lent.	28	thighs	22	1 0	tervals generally
19	a	Joachim	29	hams	23	1 48	fair with morn-
20	b	Eq. D. and N.	29	and	24	2 30	ing froſts,
21	c	St. Ben. Abb.	♈	knees	25	3 5	winds bringing
22	d	Day increaſed	2	legs	26	3 33	ſtorms of hail
23	e	4 h. 56 min.	3	ancles	27	3 58	☌ ☉ ☿ or rain,
24	f	D. breaks 3h 55′	4	feet	28	4 19	unſettled wea-
25	G	Midlent Sun.	5	and	29	4 40	Lady Day
26	a	clock too faſt.	6	toes	N	5 1	ther till the new
27	b	5 min. 50 ſec.	7	head	1	☽ ſets.	Moon, good
28	c	Danib ſouth at	8	face	2	8 A 22	weather for the
29	d	11 at night	9	neck	3	9 40	farmers, ſeed
30	e	Regulus ſouth	10	throat	4	10 56	time concludes
31	f	30 m. paſt 0	11	arms	5	Morn.	the month.

The 7 Day at 7 at Night Saturn
The 18 Day at 11 at Night Jupiter
The 23 Day at 7 in Morn. Mars } is with the Moon.
The 24 Day at 9 at Night Mercury
The 27 Day at 6 Morning Venus

From thence an Evening Star to the End of the Year.

MD	Sun rises.		Sun sets.		Moon's South.		Observations.
							Solus Deus eſt Scrutator Cordium.
1	6	38	5	22	2	54	Many and great are the preſent Affairs
2	6	36	5	24	3	47	of Europe, and ſome of thoſe Princes
3	6	34	5	26	4	43	ſeem to be at a Stand in their preſent
4	6	32	5	28	5	41	First Quart. 4 Day at 9 Night.
5	6	30	5	30	6	39	Reſolutions. The Grand Signior is
6	6	28	5	32	7	39	much concerned in his Councils, and
7	6	26	5	34	8	38	not without Cauſe. Sweden ſhould not
8	6	24	5	36	9	33	be proſperous at this Time according to
9	6	22	5	38	10	27	ſtarry Influence; here ſhould be much
10	6	20	5	40	11	18	News from Ireland, but I cannot com-
11	6	18	5	42	Morn.		mend it to you. Many in the End tho'
12	6	16	5	44	0	7	Full Moon 11 Day at 4 Aftern.
13	6	14	5	46	0	56	too late repent their own Folly and be at
14	6	12	5	48	1	44	laſt expoſed to common Juſtice. There
15	6	10	5	50	2	33	is a Square of the Sun and Jupiter, which
16	6	8	5	52	3	23	may aggravate former Miſchefs; there
17	6	6	5	54	4	12	will be ſtriving and ſtruggling among
18	6	4	5	56	5	1	Mankind; but yet let the Enemies of
19	6	2	5	58	5	49	our King and Church be as the Duſt
20	6	0	6	0	6	38	before the Wind, and the Angel of the
21	5	58	6	2	7	26	Laſt Quart. 19 Day at 10 Morn.
22	5	56	6	4	8	12	Lord ſcattering them; we wiſh all
23	5	54	6	6	8	59	Health, Peace, and Proſperity, to our
24	5	52	6	8	9	44	Metropolis, viz. London, to keep her
25	5	50	6	10	10	29	from all Tumults, Inſurrections, Plots
26	5	48	6	12	11	14	&c. and from all repining Spirits, ſtrange
27	5	46	6	14	0A	5	Diſeaſes and Caſualities.
28	5	44	6	16	0	56	But a many Heads are ſeldom of one
29	5	42	6	18	1	50	Mind,
30	5	40	6	20	2	46	New Moon 27 Day 6 Morn.
31	5	38	6	22	3	44	Which often make them louder than the
							Wind;
							But Urania's divine, and may ſhe bring
							Proſperous News to all that love the
							King.

APRIL hath XXX Days.

Friendſhip and Juſtice, are alas, but Names,
The Subſtance of them both, too glorious is,
To dwell on Earth (unleſs in Poets Themes),
Immortal Beings poſſeſs immortal Bliſs.
Yet in thoſe Names vain Man doth place Content,
Altho' thereby he's ſoon brought to repent.

M D	W D	Faſts and Feſtivals.	☉ pl.	☽'s Signs	D A	☽ riſes and ſets		Aſpects and Weather.
1	☾	Paſſion Sun.	12	ſhould.	6	0	5	Winds & ſtorms
2	a	Day 12 h. 54 m.	13	breaſt	7	1	3	✱ ♃ ♂ of rain
3	b	Rich. B Chic.	14	ſtom.	8	1	50	or hail begin the
4	c	St. Ambroſe	15	heart	9	2	28	month, good
5	d	Old Lady-Day	16	back	10	2	58	weather and be-
6	e	Regulus ſouth	17	bowels	11	3	24	fitting the ſeaſon
7	f	C. & Ox. T. B.	18	and	12	3	47	□ ♃ ☿ briſk
8	☽	Palm Sun.	19	belly	13	4	9	winds △ ♄ ☿
9	a	38 m. paſt 11	20	reins	14	4	30	bringing ſhowers
10	b	Twilight ends	21	loins	♈	☽ riſes.		△ ♃ ♀ □ ♄ ☿
11	c	56 min. paſt 8	22	ſecret	16	8	A 49	ſhowery weather
12	d	Maund Thur.	23	memb.	17	9	55	till continues,
13	e	Good Friday.	24	hips	18	10	56	△ ☉ ♃ pleaſant
14	f	Day 13 h. 36 m.	25	and	19	11	49	weather but
15	☽	Eaſter Sun.	26	thighs	20	Morn.		□ ☉ ♄ turns to
16	a	Eaſter Mond.	27	hams	21	0	34	cool and cloudy
17	b	Eaſter Tueſd.	28	knees	22	1	10	air for ſome
18	c	Day breaks	29	legs	23	1	40	days;
19	d	Alph. A. B. C.	29	and	24	2	7	winds and clouds
20	e	40 m. paſt 2	♉	ancles	25	2	28	fair and tempe-
21	f	Twil. 2 hours	1	feet	26	2	50	rate for the ſea-
22	☽	Low Sunday.	2	toes	27	3	10	ſon; ✱ ♂ ♀
23	a	St. Geo. Mart.	3	head	28	3	31	winds bringing
24	b	Day l. 9 m. 36	4	face	29	3	53	ſome ſhowers of
25	c	St. Mark Ev.	5	neck	♑	☽ ſets.		rain or hail at or
26	d	Day increaſed	6	and	2	8	A 42	about the new
27	e	St. Walburga	7	throat	3	9	58	moon; variable
28	f	6 hours 52 m.	8	arms	4	11	2	and unſettled
29	☽	2 S. aft. Eaſ.	9	ſhould.	5	11	54	weather to the
30	a	Cl. ſl. 2 m. 10.	10	breaſt	6	Morn.		month's end.

The 4 Day at 2 in Morn. Saturn
The 15 Day at 9 in Morn. Jupiter
The 21 Day at 11 Foren. Mars } is with the Moon
The 25 Day at 2 in Morn. Mercury
The 26 Day at 6 in Morn. Venus

☉ enters ♈ 20 Day 21 m. past 2 in morning.

M D	Sun rises.	Sun sets.	Moon's South.	Observations.
1	5 36	6 24	4 43	Agunt non cogunt, the Stars incline
2	5 34	6 26	5 42	but not compel.
3	5 32	6 28	6 41	First Quart. 3 Day at 4 Morn.
4	5 30	6 30	7 36	What more glorious Rays can there
5	5 28	6 32	8 24	be than what this Month affords us, and
6	5 26	6 34	9 19	why may we not suppose their Effects
7	5 24	6 36	10 8	to be agreable? As for the Square of
8	5 22	6 38	10 56	Jupiter with Mercury, and the Sun with
9	5 20	6 40	11 45	Saturn, looks as if some Plotters were at
10	5 19	6 41	Morn.	work to undermine our most glorious
11	5 17	6 43	0 33	Full Moon 10 Day at 5 Morn.
12	5 15	6 45	1 22	Constitution; but by the other significant
13	5 13	6 47	2 11	Positions she need not fear what Man
14	5 11	6 49	3 1	can do unto us. God preserve Great
15	5 9	6 51	3 59	Britain; some Parts of Germany and
16	5 7	6 53	4 39	France are perplexed; some great
17	5 5	6 55	5 27	Officer of State removed by Death or
18	5 3	6 57	6 13	otherwise. He that lives longest is of a
19	5 2	6 58	6 58	few Days, he fleeth as a Shadow, and
20	5 0	7 0	7 43	Last Quart. 18 Day at 5 Morn.
21	4 58	7 2	8 29	is never at one Stay; some sly Knavery
22	4 56	7 4	9 14	acted, which I hope Time will discover,
23	4 54	7 6	10 0	and the Actors meet a just Reward;
24	4 53	7 7	10 49	Mercury is very swift in Motion this
25	4 51	7 9	11 39	Month and Matters push forward to
26	4 49	7 11	0 A 41	purpose; some scribbling Clerk may per-
27	4 47	7 13	1 41	haps be catched and brought to Account
28	4 45	7 15	2 41	New Moon 25 Day at 5 After.
29	4 44	7 16	3 42	for past Faults; much scandalous and
30	4 43	7 17	3 43	false News reported.

Oh, England, study Peace and Loyalty,
Which will procure Love and Unity.

MAY hath XXXI Days.

A Life laden with Troubles none desire,
No one in's Bosom covets Coals of Fire.
For every Man by Nature would be free,
And would partake of true Tranquillity,
That Life beset with Miseries too long,
And fading Pleasures makes our Grief more strong.

M D	W D	Fasts and Festivals.	☾ pl.	☽'s Signs.	☽ A.	☽ rises and sets	Aspects and Weather.
1	b	St. Ph. & James.	11	ſtom.	7	o 36	Fine ſpring wea-
2	c	Term begins.	12	heart	8	1 8	ther and fruitful
3	d	Spica Virginis.	13	back	9	1 34	☌ ☉ ☿ ſhowers
4	e	South 12 m. paſt	14	bowels	10	1 58	gentle breezes of
5	f	10 at night.	15	belly	11	2 19	wind bringing
6	G	3 S. aft. Eaſt.	16	reins	12	2 39	ſhowers of rain
7	a	Cl. ſlow 3′ 45″.	17	loins	13	3 1	✱ ♂ ☿ or hail
8	b	Day increaſed	18	ſecret	14	3 26	thunder and
9	c	7 hours 38 m.	19	memb.	☽	☽ riſes.	lightnings at or
10	d	Day 15h. 14′ l.	20	bladder	16	8 A 48	about □ ♃ ♂
11	e	Marmercie.	21	hips	17	9 46	the full moon;
12	f	Old May Day.	22	thighs	18	10 33	gentle winds
13	G	4 S. aft. Eaſt.	23	hams	19	11 13	producing
14	a	Arcturus ſouth	24	and	20	11 45	ſhowers of rain;
15	b	near 11 night	25	knees	21	Morn.	fair and pleaſant
16	c	Twilight 3 h.	26	legs	22	0 12	weather for ſome
17	d	20 minutes	27	ancles	23	0 54	✱ ☿ ☿ days
18	e	Bernard tranſ.	27	feet	24	0 55	✱ ☉ ♄ dark and
19	f	Day increaſed	28	and	25	1 16	☽ Charlotte ♄
20	G	Rog. Sand.	29	toes	26	1 37	cloudy air; fair
21	a	8 hours 16 m.	11	head	27	1 57	and pleaſant
22	b	Clock ſl. 3′ 43″	1	face	28	2 20	weather with
23	c	Day 15 h. 56	2	neck	29	2 48	miſty mornings,
24	d	Aſcen. Day.	3	throat	♈	3 25	✱ ☉ ♂ ſome
25	e	minutes long;	4	arms	1	☽ ſets.	ſhowers about
26	f	no real night,	5	ſhould.	2	9 A 40	he new moon:
27	G	6 S. aft. Eaſt.	6	breaſt.	3	10 32	fair and hot for
28	a	Term ends.	7	ſtom.	4	11 6	ome days; ſea-
29	b	K. Charles R.	8	heart	5	11 37	ſonable weathe
30	c	but all twilight.	9	back	6	Morn.	to the end.
31	d	Day in. 8 h. 30′	10	bow.		0 3	

The 1 Day, at 6 Morn.	Saturn	}	is with the Moon
The 12 Day, at 2 Aftern.	Jupiter		
The 20 Day, at 2 Aftern.	Mars		
The 26 Day, at 4 Morn.	Venus		
The 26 Day, at 3 Aftern.	Mercury		
The 28 Day, at 6 Aftern.	Saturn		

M. D.	Sun rises.	Sun sets.	Moon's South.	Observations.
1	4 40	7 20	5 38	Una Hirunda non facit ver.
2	4 38	7 22	6 31	First Quarter 2 Day, at 10 Morning.
3	4 36	7 24	7 32	The Tranſactions of this month ſhould b
4	4 34	7 26	8 10	many and very materiall, and we may expec
5	4 32	7 28	8 57	daily to hear very uncertain Intelligence fron
6	4 31	7 29	9 44	diverſe Countries and Kingdoms in Europe
7	4 29	7 31	10 31	Heavens bleſs and direct the great Councils o
8	4 27	7 33	11 18	this Nation in their moſt ſerious Conſultation
9	4 26	7 34	Morn.	and Debates: for malicious Endeavours are ſe
10	4 24	7 36	0 9	Full Moon 9 Day, at 7 Afternoon.
11	4 23	7 37	0 58	cretly uſed to diſunite them. Let us all ob
12	4 22	7 38	1 47	ſerve this gentle Admonition, to be quiet an
13	4 20	7 40	2 38	obedient to the Power and Authority that hatl
14	4 19	7 41	3 24	hitherto preſerved us in our Rights and L ber
15	4 17	7 43	4 10	ties. Now, after a thoughtful Expectation o
16	4 16	7 44	4 56	ſome more than ordinary Matter, we ſeem
17	4 15	7 45	5 42	bleſſed with a comfortable Hope of a happy
18	4 13	7 47	6 24	Period; for it is ſtrange if we have not New
19	4 12	7 48	7 7	Laſt Quarter 17 Day, at 10 at Night.
20	4 10	7 50	7 53	upon News about this Time, and ſome very
21	4 9	7 51	8 41	pleaſing, though not all. Several Accuſations
22	4 8	7 52	9 31	afreſh break out near this Time, ſtrange Cla-
23	4 7	7 53	10 25	mours among Grandees at home and abroad,
24	4 6	7 55	11 21	and a ſudden Cataſtrophe expected. We are
25	4 4	7 56	0 26	again fallen into new Jealouſies and Fears of
26	4 3	7 57	1 30	another Stratagem ſecretly hatching which
27	4 2	7 58	2 32	will end in Confuſion.
28	4 1	7 59	3 31	New Moon 25 Day, at 1 Morning.
29	4 0	8 0	4 26	Where are thoſe Magazines of Wit now gone,
30	3 59	8 1	5 18	And where's the Wonders they thought to've done?
31	3 58	8 2	6 8	Their barefaced Folly hath appeared ſo plain.
				First Quarter 31 Day, at 4 Evening.

JUNE hath XXX Days.

If Man Felicity in Wedlock place,
And that unhappy prove, as oft it does,
It ushers in both Sorrow and Disgrace,
And joins him Partner in a thousand Woes.
Faint Beauty that must fade, and Riches will
Ne'er long continue while the Wife is ill.

1)	W D	Facts and Festivals.	☉ pl.	☽'s Signs.	☽ ag	☽ rises & sets.		Aspects and Weather.
1	e	Day 16 hours	11	belly	8	0	25	As the last Month
2	f	8 min. long.	12	reins	9	0	45	ended, so this be-
3	G	Whitsunday.	13	loins	10	1	5	gins.
4	a	K. Geo. III.	14	secret	11	1	25	Brisk Winds,
5	b	Whit-Tuesd.	15	memb.	12	1	55	with gentle
6	c	Ember Week.	16	bladd.	13	2	26	Showers of Rain,
7	d	Altair South	17	hips	14	3	2	pleasant Air, and
8	e	St. Medard.	18	thighs	♓	☽ rises.		flying Clouds,
9	f	40 min. past 1.	19	knees	16	9	A 8	mostly warm.
10	G	Trinity Sund.	20	and	17	9	43	Prs. Amelia b.
11	a	St. Barnabas.	21	hams	18	10	12	☌ ☉ ♅ Gentle
12	b	Cor ♏ So. 50	22	legs	19	10	36	Breezes of Wind,
13	c	m. past 11 at	23	ancles	20	10	58	☌ ☿ ♆ with
14	d	night.	24	feet	21	11	16	smiling Showers
15	e	Term begins.	25	toes	22	11	35	of Rain.
16	f	Clocks go true	26	head	23	11	56	Sunshiny Days
17	G	1 S. aft. Trin.	27	and	24	Morn.		and pleasant
18	a	with the Sun.	28	face	25	0	16	Weather. Cloudy
19	b	Scorp. Heart	28	neck	26	0	42	and warm, inter-
20	c	South 40 min.	29	throat	27	1	14	mixt with Show-
21	d	Longest Days is	♒	arms	28	1	54	□ ☌ ☿ ers of
22	e	16 h. 26 m.	1	should	29	2	46	Rain at the New
23	f	past 9 at night.	2	breast	♓	☽ sets.		Moon.
24	G	2 S. aft. Trin.	3	stoma.	2	8	A 59	St. John Baptist.
25	a		4	heart	3	9	33	Now more fair,
26	b	Altair South	5	back	4	10	c	but soon turns
27	c	10 min. past	6	bowel	5	10	23	☌ ♄ ☿ to Rain,
28	d	1 in morning.	7	belly	6	10	50	☌ ☉ ♆ with
29	e	St. Peter & Paul	8	reins	7	11	7	Winds to the
30	f	Day dec. 6 m.	9	and	8	11	29	Month's End.

Moore. JUNE, 1770.

The 8 Day, at 1 Aftern.	Jupiter	is with the Moon.
The 18 Day, at 2 Aftern.	Mars	
The 24 Day, at 4 Morn.	Mercury	
The 24 Day, at Midnight	Venus	
The 25 Day, at 6 Morn.	Saturn	

M D	Sun rises.	Sun sets.	Moon's South.	Observations.
1	3 57	8 3	6 55	Vanitas omnis homo vivens.
2	3 56	8 4	7 42	Many eminent Debates are now on Foot, in
3	3 55	8 5	8 28	some Countries beyond the Seas, as well as at
4	3 55	8 5	9 15	home. And it seems as if we should hear of
5	3 54	8 6	10 3	the Motions of Armies out of one Country
6	3 53	8 7	10 52	into another. Very strange and ambiguous Re
7	3 53	8 7	11 40	ports are spread abroad, many famous and re
8	3 52	8 8	Morn.	markable Occurrences now briskly prosecuted
9	3 52	8 8	0 30	Full Moon 8 Day, at 10 Morning,
10	3 51	8 9	1 18	in many Parts of Europe. May all Manner
11	3 51	8 9	2 4	of Confusion be for ever banished from our
12	3 50	8 10	2 49	Land; and as for the Whisperings of the
13	3 50	8 10	3 33	grumbling Tribe, they cannot hurt us; for
14	3 49	8 11	4 16	their most crafty Projects vanish like Smoke
15	3 49	8 11	4 59	or end in their Promoter's Confusions and
16	3 48	8 12	5 43	Ruin. Saturn has now changed his Station
17	3 48	8 12	6 28	and carries Debates and Mischiefs from one
18	3 48	8 12	7 16	Last Quarter 16 Day, at Noon.
19	3 47	8 13	8 6	Nation to another; let Italy and Rome look
20	3 47	8 13	9 1	to it. We live now in a very strange Age.
21	3 47	8 13	10 0	one Person frequently finding Fault with an
22	3 47	8 13	11 3	other, and there still remains some Design
23	3 47	8 13	0 A 8	to promote Divisions and disturb Authority
24	3 48	8 12	1 10	New Moon 23 Day, at 9 in Morn.
25	3 48	8 12	2 9	Many and happy Returns of Ships there seem
26	3 48	8 12	3 4	to be from several Parts of Christendom, to
27	3 49	8 11	4 0	the great Advantage of the industrious Merch
28	3 49	8 11	4 47	ant. And a Month this is like to be of great
29	3 50	8 10	5 35	Actions both by Sea and Land, where Armies
30	3 50	8 10	6 21	or Navies of Enemies are near.
				First Quarter 30 Day, at 1 in Mo

JULY hath XXXI Days.

To doat upon our Iſſue is in vain;
The Children promiſe well when they are young;
All conquering Time ſtill changes them amain;
And Vice with Years doth ever grow moſt ſtrong:
They're certain Cares in Parents, and we ſee
Uncertain Comforts, tho' Time certain be.

M D	W D	Faſts and Feſtivals.	☉ pl.	☽'s Signs.	☽ ag	☽ riſes & ſets.	Aſpects and Weather.
1	G	3 S. aft. Trin.	10	loins	9	11 53	Thunder ſhowers
2	a	Viſit. B. V. M.	11	ſecret	10	Morn.	□ ♄ ♂ may be
3	b	Camb. comm.	11	memb.	11	0 22	now expected.
4	c	Term Ends.	12	hips	12	0 58	Now more fair
5	d	O. Midſum. D.	13	and	13	1 38	and clear for ſome
6	e	Day dec. 16 m.	14	thighs	14	2 27	Days. Now make
7	f	Tho. Becket.	15	hams	♈	☽ riſes.	your Hay this
8	G	4 S. aft. Trin.	16	knees	16	8 11	pleaſant Weather,
9	a	Lyra South	17	legs	17	8 37	△ ♃ ♀ it may
10	b	8 m. paſt midn.	18	ancles	18	8 58	hold for ſeveral
11	c	Day 15 hours	19	feet	19	9 18	Days together.
12	d	56 min. long.	20	and	20	9 38	Briſk Winds, with
13	e	Clocks too	21	toes	21	9 57	Showers of Hail
14	f	faſt 5 m. 16 ſec.	22	head	22	10 17	or Rain. Cool and
15	G	5 S. aft. Trin.	23	face	23	10 40	cloudy for ſome
16	a	Night 8 hours	24	neck	24	11 7	Days. More clear
17	b	6 min. long.	25	and	25	11 41	and hot Weather.
18	c	Day dec. 36 m	26	throat	26	Morn.	Expect ſome
19	d	Clocks too faſt	27	arms	27	0 26	Showers at or
20	e	Margaret VM	28	ſhould.	28	1 24	about the New
21	f	5 min. 54 ſec.	29	breaſt	29	2 35	Moon.
22	G	6 S. aft. Trin.	29	ſtoma.	♑	☽ ſets.	☾. Denmark h.
23	a	Day 15 hours	♌	heart	1	7 A 55	Briſk Winds with
24	b	40 min. long.	1	back	2	8 38	ſome fine Show-
25	c	St. James Ap.	2	bowels	3	8 46	ers of Rain.
26	d	Altair South	3	belly	4	9 9	♂ ☉ ♄ Cloudy
27	e	38 min. paſt	4	reins	5	9 31	Air for ſome
28	f	11 at night.	5	loins	6	9 56	Time. Now
29	G	7 S. aft. Trin.	6	ſecret	7	10 24	more clear
30	a	Dog Days beg.	7	memb.	♎	10 56	* ♂ ♉ and
31	b		8	hips	9	11 35	windy.

The 5 Day at Noon Jupiter
The 17 Day at 9 Morn. Mars
The 21 Day at 10 Morn. Mercury } is with the Moon.
The 23 Day at 3 Morn. Saturn
The 25 Day at 10 Morn. Venus.

M D	Sun rises	Sun sets	Moon's South.		Obfervations.
					Tempus omnia revelat.
1	3 50	8 10	7	8	Here are ſome notable Configurations in
2	3 51	8 9	7	57	this Month, and amongſt the reſt a Square o
3	3 51	8 9	8	44	*Saturn* and *Mars* from fixed Signs, which uſu-
4	3 52	8 8	9	32	ally produces Wars and Diſorders in thoſe
5	3 52	8 8	10	21	Countries under *Taurus* and *Leo*, in which the
6	3 53	8 7	11	9	Turks will ſmart under its Effects; and in
7	3 53	8 7	11	57	Full Moon 7 Day, at Midnight:
8	3 54	8 6	Morn.		
9	3 55	8 5	0	43	thoſe Places ſignified ſome dangerous Diſeaſes
10	3 56	8 4	1	27	There are many eminent Conſultations now
11	3 57	8 3	2	11	depending, and very deliberate Councils alſo
12	3 58	8 2	2	54	are on Foot. God Almighty direct their En
13	3 59	8 1	3	36	deavours for the beſt; but towards the latte
14	4 0	8 0	4	19	End of this Month is a Conjunction of th
15	4 1	7 59	5	5	*Sun* and *Saturn*, and a Sextile of *Mars* an
16	4 2	7 58	5	52	Laſt Quarter 15 Day, at 11 Night.
17	4 3	7 57	6	42	*Mercury*; hence we may expect to hear o
18	4 4	7 56	7	39	ſome Troubles incident to ſome popular Per
19	4 5	7 55	8	38	ſons. Some are accuſed, ſome aſperſed an
20	4 6	7 54	9	39	ſlandered, others expelled and turned out o
21	4 8	7 52	10	42	their Employments, or loſe at leaſt the Favou
22	4 9	7 51	11	44	of their Promoters. But notwithſtanding a
23	4 10	7 50	0 A	45	New Moon 22 Day, at 4 Aftern.
24	4 12	7 48	1	41	this, now, or near this Time, ſome deſervin
25	4 13	7 47	2	33	Perſon or Perſons are promoted or advanced t
26	4 15	7 45	3	24	Places of great Truſt and Favour.
27	4 16	7 44	4	13	Let us beware of domeſtic Conſpiracies,
28	4 18	7 42	5	1	As more dangerous than foreign Invaders:
29	4 19	7 41	5	49	Firſt Quarter 28 Day, a Noon.
30	4 20	7 40	6	38	Unconſtant World, 'tis plain to ſee
31	4 22	7 38	7	27	How variable thy Actions be.

AUGUST hath XXXI Days.

If in an active Life we fix Delight,
And aim at *Mars* his Favours; trusty Steel
Untrusty often's found, and in one Night,
Unlook'd for Ruin treads upon our Heel.
So have I seen a Soldier, oft hath past
Free from Sword, Pole-Ax, came lame home at last.

M D	W D	Fasts and Festivals.	☉ pl.	☽'s Signs.	☽ ag	☽ rises & sets.	Aspects and Weather.
1	c	Lammas Day.	9	and	10	Morn.	Temperate Wea-
2	d	Lyra Sou. 30	10	thighs	11	0 11	ther and sea-
3	e	past 8 at night.	11	hams	12	1 15	□ ♃ ♀ sonable
4	f	Day decreased	12	knees	13	2 14	for the Harvest.
5	G	8 S. aft. Trin.	13	legs	14	3 17	Winds and flying
6	a	1 hour 30 min.	14	and	F	☽ rises.	Clouds. Some
7	b	Daylight beg.	15	angles	16	7 24	△ ☉ ♃ Thunder.
8	c	50 min. past 1.	16	feet	17	7 24	☌ ♄ ☿ may be
9	d	Clocks too fast	17	toes	18	8 4	now expected.
10	e	St. Lawrence.	18	head	19	8 25	Good Harvest
11	f	[illegible]	19	and	20	8 46	Weather. Winds
12	G	[illegible]	20	face	21	9 12	Pr. of Wales [illegible]
13	a	4 min. 35 sec.	21	neck	22	9 44	△ ♃ ☿ clearing
14	b	Alt. S. 10 p. 10	22	throat	23	10 24	the Air, and
15	c	Assum. B. V. M.	23	arms	24	11 13	rejoicing the
16	d	Pr. [illegible]	24	shoul.	25	Morn.	Harvest-man's
17	e	Marchab S. 30	25	breast	26	0 16	Heart.
18	f	m. past midn.	26	stoma.	27	1 30	☌ ☉ ☿ Ruffling
19	G	10 S. aft. Trin.	26	heart	28	2 53	Winds bringing
20	a	Cloc. and Wat.	27	back	♓	☽ sets.	some small Show-
21	b	Pr. W. Hen. b.	28	bowels	1	6 A 50	△ ♂ ♀ ers of
22	c	too fast 3 min.	29	belly	2	7 14	Rain. Fair and
23	d	Duration of	♍	reins	3	7 36	fine with ruffling
24	e	St. Bartholom.	1	loins	4	8 3	Winds. Over.
25	f	twil. 2 h. 36 m.	2	secret	5	8 30	✱ ♄ ♀ cast, with
26	G	11 S. aft. Trin.	3	memb.	6	9 2	✱ ♄ ♂ Showers.
27	a	Daylight ends	4	bladd.	7	9 39	□ ♃ ☿ Brisk
28	b	St. Augustine.	5	hips.	8	10 24	✱ ♃ ♀ Gales of
29	c	Dec. John Bap.	6	thighs	9	11 15	Wind, and good
30	d	8 min. past 9	7	hams	10	Morn.	Weather to the
31	e	at night.	8	and	11	0 11	End.

The 1 Day,	at 4 Aftern.	Jupiter	}	is with the Moon
The 14 Day,	at Midnight	Mars		
The 19 Day,	at 4 Aftern.	Saturn		
The 21 Day,	at 6 Morn.	Mercury		
The 24 Day,	at 1 Morn.	Venus		
The 28 Day,	at 11 Night	Jupiter		

Moon's Dec.		Sun		Moon's South.		Observations.
1	4	24	7	36	8	16
2	4	25	7	35	9	5
3	4	27	7	33	9	53
4	4	29	7	31	10	40
5	4	30	7	30	11	25
6	4	32	7	28	Morn.	Full Moon 6 Day, at 4 Afternoon.
7	4	33	7	27	0	9
8	4	35	7	25	0	52
9	4	36	7	24	1	36
10	4	38	7	22	2	19
11	4	40	7	20	3	4
12	4	41	7	19	3	51
13	4	43	7	17	4	40
14	4	45	7	15	5	32
15	4	47	7	13	6	28
16	4	49	7	11	7	27
17	4	50	7	10	8	27
18	4	52	7	8	9	28
19	4	54	7	6	10	27
20	4	56	7	4	11	25
21	4	58	7	2	0A	22
22	4	59	7	1	1	15
23	5	1	6	59	2	6
24	5	3	6	57	2	56
25	5	5	6	55	3	46
26	5	7	6	53	4	36
27	5	9	6	51	5	26
28	5	10	6	50	6	16
29	5	12	6	48	7	5
30	5	14	6	46	7	56
31	5	16	6	44	8	41

Quot homines tot Sententiæ.

We are too subject to be perplexed an troubled even at the Appearance of the lea Danger. Why should slight and frivolous Ma ters, discompose us? We have hitherto be preserved by the divine Hand of Providenc which may encourage us still to trust to th sole Protection and Tuition of the Almight *Jupiter*, this Month turns direct, whence judge, that after many Storms, here is no apparent Hopes of Unity. Honour is no conferred upon an eminent Lawyer or Clerg Last Quarter 14 Day, at 8 Morning. man, and Justice is about this Time impart ally executed, and many brave and noble Pe sons amongst us are active to compose the Di ferences now in Debate, or at least endeavo to alleviate such Grievances as are now com New Moon 20 Day, at 11 Night. plained of amongst us. The Sun trines *Jup ter* and conjoins *Mercury*, which may ha eminent Effects among great Persons both the Detriment and Prejudice of some, as we as the Advantage and Promotion of other and we may now sufficiently experience, th First Quarter 28 Day, at 3 Morning. all Streams of Mischief flow from a corrupt Fountain.

Fiat Justitia, vivat Rex.

SEPTEMBER hath XXX Days.

And to truſt Stilbone, (that inconſtant Elf,)
Who's ever changing, never true to himſelf:
Each envious Blaſt of him thou think'ſt thy Friend
Unſettles thee from what thou does depend.
A Word, a Look, nay Thought ſometimes deſtroys
Thy blooming Hopes, and obſcures all thy Joys.

M D	W D	Faſts and Feſtivals.	☉ ☽'s Signs.	☽ age	☽ riſes & ſets.	Aſpects and Weather.
1	f	Twil. 2h. 14m	9 knees	12	1 12	As the laſt Month.
2	G	12 S. aft. Trin.	10 legs	13	2 16	Lond. burnt, O. S.
3	a		11 ancles	14	3 22	ended, ſo this may
4	b	Cl. too ſlow 1	12 feet	15	4 29	probably begin.
5	c	Day 13 hours	13 and	●	☽ riſes.	Seaſonable weath.
6	d	4 min. long.	14 toes.	17	6 39	for the Harveſt.
7	e	Dog Days end.	15 head	18	7 0	Flying Clouds
8	f	Nat. B. V. M.	16 face	19	7 27	bringing ſome
9	G	13 S. aft. Trin.	17 neck	20	7 56	ſmall Showers,
10	a	Daylight ends	18 throat	21	8 33	☌ ♃ ♂ with
11	b	28 min. paſt 8.	19 arms	22	9 19	Thunder and
12	c	Pole Star Sou.	20 ſhould.	23	10 16	Flaſhes of Light-
13	d	at 1 in morn.	21 breaſt	24	11 23	ning. Good
14	e	Holy Croſs D.	22 ſtoma.	○	Morn.	✶ ♄ ☿ Weather
15	f	Nicomede.	23 heart	26	0 38	for the latter
16	G	14 S. aft. Trin.	24 and	27	1 58	Harveſt.
17	a	Day breaks at	25 back	28	3 20	△ ♃ ☿ Briſk
18	b	20 min. paſt 3.	26 bowels	29	4 43	Winds bringing
19	c	Ember Week.	27 belly	☽	☽ ſets.	ſmall Showers.
20	d	Fast. V. & M.	28 reins.	2	6 11	△ ♂ ☿ Winds
21	e	St. Matthew.	28 loins	3	6 39	and flying Clouds.
22	f	K. G. III. cro.	29 ſecret	4	7 10	Foggy Air and
23	G	15 S. aft. Trin.	♎ memb.	5	7 45	□ ♄ ♀ cold Rains
24	a	Duration of	1 hips	6	8 28	with ruffling winds
25	b	Twil. 2 hours.	2 thighs	7	9 16	Flying Clouds
26	c	Pole Star Sou.	3 hams	8	10 10	producing ſome
27	d	30 min. paſt	4 and	9	11 11	ſmall Rains.
28	e	Midnight.	♏ knees.	●	Morn.	Good Weather
29	f	St. Michael.	6 legs	11	0 14	Ds. Cha. Ang. bo.
30	G	16 S. aft. Trin.	7 and	12	1 19	and moderate to
						the Month's End.

The 12 Day, at 11 Foren. Mars
The 16 Day, at 8 Morn. Saturn
The 21 Day, at 4 Morn. Mercury } is with the Moon
The 22 Day, at 6 Aftern. Venus
The 25 Day, at 1 Aftern. Jupiter

M D	Sun rifes.	Sun ſets.	Moon's South.	Obſervations.
1	5 18	6 42	9 27	Fecem bibat, qui vinum bibit.
2	5 20	6 40	10 11	The Configurations of the laſt Month have
3	5 22	6 38	10 57	alſo Operation in this, which ſeems to begin
4	5 24	6 36	11 41	with very fair and pleaſing Pretenſions;
5	5 26	6 34	Morn.	Full Moon 5 Day, 6 Morning.
6	5 28	6 32	0 25	wiſh they may prove real, for we know that
7	5 30	6 30	1 9	the faireſt Words and Pretenſes have too
8	5 32	6 28	1 56	often for the Diſguiſes to a foul Meaning.
9	5 34	6 26	2 46	We alſo know that *Judas* kiſſed his Maſter
10	5 36	6 24	3 37	when he betrayed him, and *Joab* ſtiled *Abner*
11	5 38	6 22	4 31	his Brother, whom he ſtabbed immediately.
12	5 40	6 20	5 28	Laſt Quarter 12 Day, at 4 Aftern.
13	5 41	6 19	6 27	Former private Councils and Conſultations be-
14	5 43	6 17	7 24	gin to be apparent, and many Diſputes or ſe-
15	5 45	6 15	8 23	cret Diſlikes do now manifeſt themſelves; but
16	5 47	6 13	9 19	we hope, after the *Equinox*, or the *Sun*'s En-
17	5 49	6 11	10 14	trance into *Libra*, that there will be a right
18	5 51	6 9	11 9	Underſtanding between us and ſome Neighbour
19	5 53	6 7	0 A 1	New Moon 19 Day, at 8 Morning.
20	5 55	6 5	0 52	Nations, and we hope a general Inclination to
21	5 57	6 3	1 43	Unity, if a Stumbling Block be not caſt a-
22	5 59	6 1	2 34	mongſt us; for ſome make it their Buſineſs
23	6 1	5 59	3 25	to ſow Seeds of Diviſion, and undermine our
24	6 3	5 57	4 17	greateſt Hopes. In fine, this Month ſeems to
25	6 5	5 55	5 7	First Quarter 26 Day, at 9 Night.
26	6 7	5 53	5 56	make a full Diſcovery of what was but in part
27	6 9	5 51	6 45	tranſacted in the laſt, and (if I miſtake not)
28	6 11	5 49	7 35	ſome ſecret Deſign muſt happily be diſcovered.
29	6 13	5 47	8 17	
30	6 15	5 45	9 1	Conſcientia mille Teſtes.

OCTOBER hath XXXI Days.

If to a Country Life thou art inclin'd,
(Of all the rest most innocent and kind)
Where Contemplation bears the chiefest Sway,
And helps the Troubles of thy Toils to allay:
In that calm State fierce Soldiers usher Fears,
The Heaven's Blight and Mildew, barren Years.

M D	W D	Fasts and Festivals	☉ pl.	☽'s Signs	☽ ag	☽ rises & sets.		Aspects and Weather.
1	a	Remigius, Bis.	8	ancles	13	2	24	Ruffling Winds
2	b	Marchab Sou.	9	feet	14	3	32	begin the Month.
3	c	10 min. past	10	toes	15	4	40	Showers at or
4	d	10 at night.	11	head	F	☽ rises.		about the New
5	e	Day 11 hours	12	face	17	5 A	39	Moon. Dark
6	f	4 min. long.	13	neck	18	6	6	✱ ☉ ♄ and
7	G	17 S. aft. Trin.	14	throat	19	6	43	foggy Air.
8	a	Clo. flo. 12′ 27	15	arms	20	7	26	Fair and calm
9	b	St. Dennis Ar.	16	and	21	8	20	for some Days.
10	c	Old Mic. Day.	17	should.	22	9	24	Winds and flying
11	d	Fomelhaut So	18	breast	23	10	37	Clouds, producing
12	e	30 m. past 10.	19	stoma.	24	11	53	a good Wheat
13	f	Trans. K. Ed.	20	heart	25	Morn.		✱ ☉ ♃ Seed
14	G	18 S. aft. Trin.	21	back	26	1	11	Time for the
15	a	Day 10 hours.	22	bowels	27	2	31	honest and
16	b	24 min. long	23	belly	28	3	49	industrious Far-
17	c	Cloc. too slow.	24	reins	29	5	8	mer. Pleasant
18	d	St. Luke, Ev.	25	loins	N	☽ sets.		Weather conti-
19	e	14 m. 59 sec.	26	secret	1	5 A	15	nuing for some
20	f	Ursula.	27	memb.	2	5	49	Days.
21	G	19 S. aft. Trin.	28	hips	3	6	28	△ ♄ ♀ Cloudy
22	a	Day decreased	29	and	4	7	13	and Showers of
23	b	6 hours 26 m	♏	thighs	5	8	8	Rain. Rough
24	c	Twilight ends	1	hams	6	9	6	☌ ☉ ☿ △ ♂ ☿
25	d	K. Geo. III. Ac	2	knees	7	10	7	△ ☉ ♂ Winds
26	e	K. Geo. III. Pr.	3	legs	8	11	10	and Showers.
27	f	52 min. past 6	4	and	9	Morn.		☌ ♃ ♀ Fair
28	G	20 S. aft. Trin.	5	ancles	10	0	15	St. Sim. & J.
29	a	Twilight 2 h.	6	feet	11	1	7	and pleasant to
30	b	Clo. too slow	7	toes	12	2	27	the End of the
31	c	16 m. 14 sec.	8	head	13	3	37	Month.

The 10 Day, at 2 Aftern.	Mars	}	is with the Moon.
The 18 Day, at 9 Night	Saturn		
The 19 Day, at 7 Night	Mercury		
The 22 Day, at 6 Night	Venus		
The 23 Day, at 2 Morn.	Jupiter		

Month Days	Sun Rises	Sun Sets	Moon's South.		Observations.
					Contentiones fugitate.
1	6	7	5	43	9 45
2	6	10	5	41	10 29
3	6	21	5	39	11 14
4	6	23	5	37	Morn.
5	6	25	5	35	0 1
6	6	27	5	33	0 50
7	6	29	5	31	1 40
8	6	31	5	29	2 35
9	6	32	5	28	3 32
10	6	34	5	26	4 31
11	6	36	5	24	5 29
12	6	38	5	22	6 26
13	6	40	5	20	7 22
14	6	42	5	18	8 15
15	6	44	5	16	9 7
16	6	46	5	14	10 0
17	6	48	5	12	10 48
18	6	50	5	10	11 36
19	6	52	5	8	0 A 30
20	6	54	5	6	1 21
21	6	56	5	4	2 13
22	6	58	5	2	3 4
23	7	0	5	0	3 55
24	7	2	4	58	4 43
25	7	4	4	56	5 31
26	7	6	4	54	6 16
27	7	8	4	52	7 0
28	7	9	4	51	7 43
29	7	11	4	49	8 26
30	7	13	4	47	9 11
31	7	14	4	46	9 57

Full Moon 4 Day, at 8 Night.

Last Quarter 11 Day, at 10 Night.

New Moon 18 Day, at 8 night.

First Quarter 26 Day, at 5 Aftern.

The Configurations of this Month are for the moſt Part very benevolent, and therefore we may hope well. Love one another is the great Commandment; which, if it were obſerved amongſt us, no Nation in the World could be more happy; but we fear Satan is made Privy Councellor to the preſent Actions of ſome wicked Agents, who make it their Buſineſs to ſow the Seeds of Diviſion amongſt us. About this Time we may expect an happy Diſcovery of theſe Matters; and ſome of their Promoters, who would level Mountains, and elevate the lower Grounds, let ſuch receive the juſt Reward of their Deſerts. We of England are in as hopeful a Condition, could we ſee it and be thankful, as any Nation in Europe; and our Perſons, and Eſtates, and Liberties, are ſafe and ſecure under a moſt gracious King, who is at preſent in Amity with all the World. God preſerve him in Health and Strength, that he may many Years rule and govern us in that Tranquility we now enjoy. Amen.

And if this Truth may ſlip my harmleſs Pen,
Times yet would mend, would all be loyal Men.

NOVEMBER hath XXX Days.

If no Condition can afford poor Man
The Happineſs he hopes for, let him then
Reſign to God, and lead a virtuous Life;
When neither Honour, Office, Children, Wife,
Can fill his longing Soul, 'tis that muſt bring
Content to all, or Soldier, Beggar, King.

M D	W D	Faſts and Feſtivals.	☉ pp	☽'s Signs.	☽ ag	☽ riſes & ſets.		Aſpects and Weather.
1	d	All Saints.	9	and	14	4	49	Dark and obſcure
2	e	Pr. Edward bo	10	face	15	6	3	Air begins the
3	f	Cloc. too ſlow.	11	neck		☽ riſes.		Month. Now
4	G	21 S. aft. Trin.	12	ſhoot	17	5	24	more fair and
5	a	Powder Plot.	13	arms	18	6	16	clear. Honeſt
6	b	Term begins.	14	ſhoul.	19	7	18	Tom, I'll let thee
7	c	D. of Cumb. b.	15	breaſt	20	8	29	☌ ♂ ♀ know,
8	d	Prs Sop. Aug. b	16	ſtoma.	21	9	45	□ ☉ ♄ about this
9	e	Ld Mayor Day	17	heart	22	11	5	Time there's
10	f	D. br. 30 pa. 5	18	back	23	Morn.		Rain or Snow.
11	G	22 S. aft. Trin.	19	bowels	24	or	21	St. Martin.
12	a	Daylight ends	20	belly	25	1	39	△ ♂ ☿ Froſty
13	b	24 min. paſt 5.	21	reins	26	2	55	Air, perhaps
14	c	Cloc. too ſlow	22	and	27	4	10	ſome Snow or
15	d	14 min. 54 ſec.	23	loins	28	5	23	Sleet. Cold
16	e	Pomelhaut So.	24	ſecret	29	6	24	froſty Air ſtill
17	f	Hugh B. Linc.	25	memb.	☽	ſets.		continues. Rough
18	G	23 S. aft. Trin.	26	lips	2	☽	4	Winds, bringing
19	a	8 min. paſt 7.	27	thighs	3	5	56	Snow or Rain,
20	b	Edmund K.	28	hams	4	6	52	□ ♄ ♉ ✱ ♀ ♉
21	c	Day 8 h. 20	29	and	5	7	52	for ſome Days.
22	d	min. long.	♐	knees	6	8	54	More mild Air
23	e	St. Clement.	1	legs	7	9	57	for ſome Days.
24	f	Chriſtian.	2	ancles	8	11	2	
25	G	24 S. aft. Trin.	3	feet	9	Morn.		D. Gloceſter bo.
26	a	N. 15 h. 54 m.	4	and	10	or	8	Froſty Mornings
27	b	Twilight ends	5	toes	11	1	15	and Snow
28	c	Term ends.	6	head	12	2	23	conclude the
29	d	11 min. paſt 6.	7	face	13	3	33	☌ ♃ ♂ Month.
30	e	St Andrew. Prs Dow. of Wa. b.	8	neck	14	4	47	

The 6 Day, at 11 Night	Mars	}	is with the Moon.
The 10 Day, at 4 Morn.	Saturn		
The 15 Day, at 9 Night	Mercury		
The 19 Day, at 11 Night	Jupiter		
The 21 Day, at 10 Morn.	Venus		

M. Days.	Sun Rises.	Sun Sets.	Moon's South.	Observations.
1	7 16	6 44	10 45	Non Nobis nati fumus.
2	7 18	6 42	11 36	We are all too apt to dispute for a Privilege
3	7 20	6 40	Morn.	Full Moon 3 Day, at 10 Morning.
4	7 22	6 38	0 29	of Revenge, and some Men would have the
5	7 23	6 37	1 26	Power of a King, at least within themselves,
6	7 25	6 35	2 24	which is very unreasonable to be hoped for.
7	7 27	6 33	3 26	Perhaps some Monsters in religion. Habits
8	7 29	6 31	4 23	may appear in this Month, and broach strange
9	7 30	6 30	5 18	kinds of Doctrine, against the Government;
10	7 32	6 28	6 13	Last Quarter 10 Day, at 5 Morning.
11	7 34	6 26	7 5	let such Persons take care what they do, for
12	7 36	6 24	7 54	their Persons and Purses must certainly pay for
13	7 37	6 23	8 44	such Offences. Dubious Advice comes from
14	7 39	6 21	9 31	some Neighbour Nations; and yet there are
15	7 40	6 20	10 20	very considerable Matters relating to our own
16	7 42	6 18	11 12	Nation, now under Consideration. We wish
17	7 44	6 16	0 A 4	New Moon 17 Day, at 10 Morn.
18	7 45	6 15	0 54	our Governors (or Representatives) had Ar-
19	7 46	6 14	1 45	gus's Eyes, that they might more narrowly
20	7 47	6 13	2 39	search into many Matters that have long been
21	7 49	6 11	3 20	concealed to the Abuse of the Nation. We
22	7 50	4 10	4 7	hope those at the Helm will act prudently, and
23	7 52	4 8	4 51	one will not seem to be afraid of another. Let
24	7 53	4 7	5 34	us endeavour to prepare ourselves for what
25	7 55	4 5	6 17	Events soever that can happen, casting our-
26	7 56	4 4	7 0	First Quarter 25 Day, at 1 Afternoon.
27	7 57	4 3	7 44	selves upon Providence, and not tormenting
28	7 59	4 1	8 28	ourselves with vain Fears as People without
29	8 0	4 0	9 17	Hope; for if God be for us, who can be
30	8 1	3 59	10 9	against us.

Fiat dei voluntas.

DECEMBER hath XXXI Days.

If thoud'st live free, do good and injure none,
Relieve the Widow, and the Widow's Son;
Walk humbly with thy God, whate'er befal;
For He's our helping Father out of Thrall:
Fix then on Him, and his just Laws adore;
That lead from Earth, unto celestial Store.

M D	W D.	Feasts and Festivals.	☉ in	☽'s Signs	Day	☽ rises & sets.		Aspects and Weather.
1	f	Day decreased.	9	throat	15	6	41	Unsettled and
2		G Advent Sund	10	arms		☽ rises.		raw Weather
3	a	☉ enters ✓ 22 m.	11	shoul.	17	4	A 54	at this Time;
4	b	Day 7 hours	12	breast	18	6	4	but soon changes
5	c	55 min. long.	13	stomac	19	7	20	to Frosts, and
6	d	Nicholas Bis.	14	heart	20	8	41	perhaps Snow
7	e	Daylight ends	15	back	21	10.	1	△ ☉ ♄ or Sleet.
8	f	Conc. B. V. M.	16	bowels	22	11.	19	Now more mild
9		G 2 S. in Advent	17	belly	23	Morn.		and calm for
10	✓	16 min. past 5.	18	reins	24	♂	35	the Season.
11	b	Pole Star So.	20	and	25	1	50	Misty and raw
12	c	37 min. past 7.	21	loins	26	3	2	Weather, fol-
13	d	Lucy V. & M.	22	secret	27	4	12	lowed with
14	e	Day breaks	23	memb.	28	5	21	☽ ☉ ♂ Frosts,
15	f	59 min. past 5.	24	hips	29	6	24	and perhaps
16		G 3 S. in Advent	25	and	30	7	19	☽ ♂ ☿ Snow.
17	a	Twilight is	26	thighs	N	ovem.		Winds producing
18	b	2 hours 10 m.	27	hams	2	5	A 30	some Rain or
19	c	Ember Week	28	knees	3	6	31	☽ ☉ ☿ Snow.
20	d	Twilight ends	29	legs	4	7	34	More fair and
21	e	St. Thomas.	♑	ancles	5	8	38	calm for the
22	f	Good-Clocks	1	feet	6	9	42	Season.
23		G 4 S. in Advent.	2	and	7	10	46	☽ ♃ ☿ Cold
24	a	go with Sun.	3	toes	8	11	52	frosty Weather
25	b	Christm. Day.	4	head	9	Morn.		will in all Pro-
26	c	St. Stephen.	5	face	10	1.	1	☽ ☉ ♃ bability
27	d	St. John.	6	neck	11	2.	10	[*Peace and Quiet-*
28	e	Holy Innoc.	7	and	12	3	23	*ness seems to*
29	f	Day increased.	8	throat	13	4	35	*attend on Christ-*
30		G 1 S. aft Christ.	9	arms	14	5	44	*mas;*] conclude
31	a	6 minutes.	10	shoul.	15	6	46	the Year.

DECEMBER, 1750.

The 3 Day, at 11 Night	Mars	}	is with the Moon.
The 7 Day, at 8 Morn.	Saturn		
The 16 Day, at Midnight	Mercury		
The 17 Day, at 6 Night	Jupiter.		
The 19 Day, at 9 Night	Venus		
The 30 Day, at 10 Night	Mars		

M. D.	Sun rises	Sun's South.	Moon's South.	Observations.
1	8 23	3 58	11 5	Spes eſt jucundiſſimum omnium.
2	8 24	3 57	Morn.	Full Moon 2 Day, at 10 Night.
3	8 25	3 56	0 4	Hope makes all our Labours ſupportable,
4	8 26	3 55	1 5	all our Difficulties conquerable, and is our
5	8 27	3 55	2 6	conſtant Companion from our Cradles to our
6	8 28	3 54	3 4	Graves. Things ſeem to incline to peace at
7	8 28	3 53	4 0	the Beginning of this Month; and before the
8	8 29	3 52	4 53	End ſome Overtures are made, and Offers
9	8 30	3 51	5 44	Laſt Quarter 9 Day, at 2 After.
10	8 31	3 50	6 33	
11	8 32	3 50	7 21	are proffered to reconcile ſome paſt Differences.
12	8 33	3 49	8 9	God Almighty give an happy Iſſue. Yet we
13	8 33	3 49	8 57	may fear, that about theſe Times there will
14	8 33	3 49	9 47	be great Murmurings in the City of London
15	8 34	3 48	10 37	and in other Places. Intelligence of good
16	8 34	3 48	11 28	Conſequence arrives this Month from ſome of
17	8 34	3 48	0 A 17	his Majeſty's Plantations, and we have no juſt
18	8 34	3 48	1 5	New Moon 17 Day, at 4 Morning.
19	8 35	3 47	1 51	Cauſe to perplex ourſelves with Fears or Jea-
20	8 35	3 47	2 36	louſies of any new Rupture or Diſorder that
21	8 35	3 47	3 19	may break out amongſt us. Thoſe that labour
22	8 35	3 47	4 1	ſecretly to diſturb the Nation, by endeavouring
23	8 35	3 47	4 43	to corrupt or diſturb the Minds of the People,
24	8 35	3 47	5 25	Providence will find out and diſcover, as for-
25	8 35	3 48	6 8	merly, to their Shame and Confuſion. Some
26	8 35	3 48	6 54	First Quarter 25 Day, at 8 Morn.
27	8 35	3 48	7 43	new Rumours may be expected towards the
28	8 35	3 49	8 36	End of the Year, but let the Promoters there-
29	8 35	3 49	9 32	of look to it. For,
30	8 35	3 50	10 32	Durum eſt ſtimulum calcitrare.
31	8 35	3 51	11 33	Vivat Rex Angliæ et Regina.

The Dominion of the Moon in Man's Body,

Paſſing under the twelve Zodiacal CONSTELLATIONS.

♈ *Aries* Head and Face.	♎ *Libra* Reins and Loins.
♉ *Taurus* Neck and Throat.	♏ *Scorpio* Secret Members.
♊ *Gemini* Arms and Shoulders.	♐ *Sagittary* Thighs & Hips.
♋ *Cancer* Breaſt and Stomach.	♑ *Capricorn* Knees & Hams.
♌ *Leo* Heart and Back.	♒ *Aquarius* Legs & Ancles.
♍ *Virgo* Bowels and Belly.	♓ *Piſces* Feet and Toes.

The Names and Characters of the Planets,

With the *Dragon's Head* and *Tail*.

♄ Saturn. ♃ Jupiter. ♂ Mars. } ☉, or the Sun. { ♀ Venus. ☿ Mercury. ☽ the Moon.

☊ Dragon's-Head.
☋ Dragon's-Tail.

The Characters of the Aſpects.

☌ Conjunction. ✱ Sextile. } ☍ Oppoſition. { △ Trine. □ Quartile.

Upon the Twelve Signs.

♈ The Head and Face the *Ram* doth always rule:
♉ The Neck and Throat are governed by the *Bull*.
♊ O'er the Arms and Shoulders ſtill the *Twins* preſide;
♋ Breaſt, Stomach, Ribs, the crooked *Crab* doth guide.
♌ The noble *Lion* rules the Back and Heart:
♍ The baſhful Virgin claims the Belly Part.
♎ The Reins and Loins the equal *Balance* weigh:
♏ The *Scorpion* o'er the ſecret Parts doth ſway.
♐ The curious *Archer* doth the Thighs affect:
♑ So doth the *Goat* our bended Knees protect.
♒ The Legs unto *Aquarius'* Lot do fall:
♓ The *Fiſh* our active Feet their Portion call.

A CHRONOLOGY of many remarkable Occurrences from the Year 1600, to this preſent Year 1770.

Years of Chriſt		Years ſince
1600	King *Charles* I. born at *Dumferling*, in *Scot. Nov.* 19	170
1601	The Earl of *Eſſex* beheaded	169
1603	Queen *Elizabeth* died, having reign'd 45 Years	167
1603	A great Plague in *London*, died 56570	167
1603	King *James* I. crown'd, *July* 15th, at *Weſtminſter*	167
1605	The Popiſh Gun-powder Treaſon, *Nov.* 5	165
1613	Lady *Elizabeth* married to Prince *Palatine*	157
1614	The New River brought to *London*	156
1625	King *James* I. died at *Theobald*, *March* 27	145
1625	A great Plague in *London*, died 34517	145
1625	King *Charles* I. crown'd *Feb.* 2, at *Weſtminſter*	145
1632	A great Fire on *London Bridge*, *Feb.* 11	138
1634	Old *Parr* died, aged 152	138
1637	The *Scots* reſolve upon a War with *England*	133
1639	The *Dutch* deſtroy the *Spaniſh* Fleet in the *Downs*	131
1640	The Earl of *Stafford* adviſes a War with *Scotland*	130
1641	The Earl of *Stafford* beheaded, *May* 12	129
1641	The cruel *Iriſh* Maſſacre, began *October* 23	129
1642	*Edgehill* and *Brentford* Fight	128
1643	*Newbury* firſt and ſecond Fight	127
1644	*Marſton Moor* Fight, *July* 3	126
1644	*Bridgenorth* burnt on *Eaſter* Sunday	126
1645	The fatal Battle of *Naſeby*, June 14	125
1646	*Belvoire* Caſtle ſurrenders to the Parliament	124
1648	The Garriſon of *Colcheſter* ſurrender, *Auguſt* 28	122
1649	King *Charles* I. traiterouſly beheaded, Jan. 30	121
1651	The bloody Fight at *Worceſter*, *Sept.* 3	119
1658	*Oliver Cromwell* died *Sept.* 3	112
1660	King *Charles* II. reſtored, *May* 29	110
1661	King *Charles* II. crown'd, *April* 23, at *Weſtminſter*	109
1661	The Earl of *Argyle* beheaded, *May* 28	109
1661	The Parliament meet *November* 20, and grant the King one million & two hundred thouſand Pounds	109
1661	A great Storm in *London*, *Feb.* 18	109
1664	Both Houſes offer to aſſiſt His Majeſty againſt the Dutch, for invading our Trade	106
1664	The Commons vote the King a ſupply of two million 500 thouſand Pounds for a *Dutch* War	106
1665	A great Plague in *London*, died 68586	105
1665	Our *Hambrough* Fleet taken by the *Dutch*	105

Years of Christ		Years since
1665	The Parliament meet at *Oxford*, and vote the King an additional Supply of one million 150 thousand Pounds, to be paid in two Years	105
1666	The lamentable burning of *London*, *Sept.* 2	104
1666	The *Dutch* Fleet insult the *English* Coast	104
1666	War declared against *Denmark*, *October* 19	104
1666	Bills of Supply pass'd, amounting to 1800000l.	104
1667	The *Dutch* burn our Ships at *Chatham*	103
1667	Peace with the *Dutch*, *France* and *Denmark* proclaim'd at *London*, *August* 24	103
1667	The Royal Exchange built	103
1668	Peace proclaim'd with *Spain*, *Feb.* 12	102
1669	The Royal Exchange first open'd, *Sept.* 28	101
1670	The Prince of *Orange* arrives at *Whitehall*	100
1671	A great Fire happened at *Oxford*, April 25	99
1672	The King shuts up the Exchequer	98
1672	A declaration of War published against the *Dutch* *March* 17	98
1672	A great Fire in St. *Catherines*, *May* 25	98
1672	His Majesty again stops Payment in the Exchequer	98
1673	The *English* take the Island of *Tabago* from the *Dutch*, and they take St. *Helena* from us	97
1673	The Commons grant the King a supply of one million and 238 thousand Pounds	97
1674	Peace with *Holland* proclaim'd, *February* 28	96
1675	The Town of *Northampton* burnt, *September* 3	95
1676	A great Fire in *Southwark*	94
1677	584000l. granted to the King for building Ships of War, and additional Excise on Beer, *&c.*	93
1677	The Prince of *Orange* married to the Princess *Mary* at St. *James's*, *November* 4	93
1678	The Commons vote a supply of 200000l. for disbanding the Army, and 200000l. more towards the Expence of the Fleet	92
1678	The Popish Plot discovered by Dr. *Tonge*, *&c.*	92
1678	Sir *Edmund Bury Godfrey* mudered by the *Popish* Conspirators, *October* 17	92
1680	A great Comet appeared in *December*	90
1682	Another Comet appeared	88
1683	The Lord *Russel* beheaded, *July* 21	87
1684	The great Frost that held 13 Weeks	86
1685	King *Charles* the II. died, and King *James* II. began	85
1685	The Duke of *Monmouth* beheaded, *July* 15.	85

The

Years of Christ		Years since
1688	The seven Bishops sent to the Tower, *June* 8 The Pretender said to be born, *June* 10	82
1688	The Prince of *Orange* landed at *Torbay*, *Nov.* 5. King *James* II. abdicated, *December* 12	82
1689	King *William* and Queen *Mary* crown'd, *April* 11	81
1692	A great Earthquake in *England*, *September* 8	78
1702	King *William* died, and Queen *Ann* began, *March* 8	68
1702	Queen *Ann* declar'd War againſt *France*, *May* 4	68
1703	A terrible great Wind, *November*, 26 and 27	67
1704	*Gibraltar* taken, and the Victory at *Hochſtet*	66
1706	The Victory at *Ramellies* over the *French*	64
1707	*England* and *Scotland* united, *May* 1	63
1708	The Pretender attempted to invade *Great-Britain*	62
1708	The *French* beat at *Oudenard*, *June* 30	62
1709	The *French* beat in the Woods at *Blanglies*	61
1713	Peace with *France* proclaimed, *May* 5	57
1714	Queen *Ann* died, and King *George* I. began *Aug.* 1.	56
1716	The Rebellion in *Scotland* and *Lancaſhire*	54
1716	A great Froſt and Snow, a Fair on the Thames	54
1718	The firſt Appearance of the Northern Lights	52
1719	A great fiery Meteor, *March* 19, at 8 at Night	51
1724	The bloody Execution of the Proteſtants at *Thorn* in *Poland*, by the Jeſuits and Popiſh Faction	46
1727	King *George* I died *June* 11, King *George* II. proc. 15	43
1727	An Earthquake in ſeveral Parts of *England*	43
1733	Broad Pieces of Gold called in and coined into Guineas	37
1739	War declared by *Great-Britain* againſt *Spain*, *Oct.* 23	31
1739	The Forts of *Porto Bello* deſtroyed by Adm. *Vernon*	31
1741	The Battle of *Molwitz* in *Sileſia*, *April* 10	29
1742	The Battle of *Craſlaw* in *Bohemia*, *May* 17	28
1743	The Battle of *Dettingen*, *June* 16	27
1744	War declared by *Great-Britain* againſt *France*, *Mar.* 31	26
1745	A Rebellion in *Scotland*, *Auguſt*	25
1746	The *Scotch* Rebels defeated, *April* 16	24
1747	A Victory obtained over the *French* Fleet, by the Admirals *Anſon* and *Warren*, *May* 3	23
1748	A General Peace	22
1751	The Prince of *Wales* died, *March* 21	19
1752	The Date and Calendar altered	18
1756	War declared againſt *France*	14
1760	K. *George* II. died, *Oct.* 25, K. *George* III. pro	26 10
1763	A General Peace proclaimed, *March* 10	7

A Table of the Rising, Southing, and Setting of the Pleiades, or Seven Stars, for every 5th Day in the Year, of excellent Use to find the Hour of the Night.

Month & Days	Rise h.	m.	South h.	m.	Sets h.	m.	Month & Days	Rise h.	m.	South h.	m.	Sets h.	m.
January 1	0	M28	8	A45	5	M	July 2	12	A30	8	M47	5	A 4
6	0	6	8	23	4	40	7	12	10	8	27	4	44
12	11	39	7	56	4	13	12	11	49	8	6	4	23
17	11	17	7	34	3	51	17	11	29	7	46	4	3
22	10	56	7	13	3	30	22	11	9	7	26	3	43
27	10	35	6	52	3	12	27	10	49	7	6	3	23
February 1	10	15	6	32	2	49	August 1	10	30	6	47	3	4
6	9	55	6	12	2	29	6	10	10	6	27	2	44
12	9	31	5	48	2	8	12	9	48	6	5	2	21
17	9	12	5	29	1	46	17	9	29	5	46	2	2
22	8	52	5	9	1	26	22	9	10	5	27	1	44
27	8	34	4	51	1	8	27	8	52	5	5	1	26
March 1	8	15	4	32	12	A45	September 1	8	34	4	51	1	6
6	7	56	4	14	12	30	6	8	16	4	33	0	50
12	7	45	4	2	12	19	12	7	54	4	11	0	28
17	7	27	3	54	12	1	17	7	36	3	53	0	10
22	7	7	3	34	11	41	22	7	18	3	35	11	52
27	6	46	3	16	11	23	27	6	58	3	16	11	33
April 1	6	31	2	48	11	5	October 2	6	40	2	57	11	14
6	6	13	2	30	10	47	7	6	29	2	39	10	56
12	5	51	2	8	10	25	12	6	4	2	21	10	34
17	5	33	1	54	10	7	17	5	45	2	2	10	19
22	5	14	1	31	9	48	22	5	26	1	43	10	0
27	4	56	1	12	9	29	27	5	7	1	24	9	41
May 2	4	37	0	54	9	11	November 1	4	48	1	5	9	22
7	4	17	0	34	8	51	6	4	28	0	44	9	2
12	3	58	0	15	8	32	12	4	4	0	21	8	38
17	3	38	11	M54	8	12	17	3	43	0A	0	8	17
22	3	18	11	35	7	52	22	3	23	11	40	7	57
27	2	58	11	15	7	32	27	3	1	11	18	7	35
June 1	2	38	10	55	7	12	December 2	2	40	10	57	7	14
6	2	18	10	35	6	52	7	2	18	10	35	6	52
12	1	34	10	11	6	28	12	1	56	10	13	6	30
17	1	32	9	45	6	6	17	1	34	9	51	6	8
22	1	12	9	25	5	46	22	1	12	9	29	5	48
27	2A	51	9	8	5	25	27	0M	50	9	7	5	27

A Table of ſome principal fixed Stars, with the Time they Riſe, South and Set, either before or after the Seven Stars; as alſo their Colour, Magnitude, and Meridian Altitude, by which they may be readily diſcovered.

Colour	Alt.	Mag.	Names of the Stars.	Riſe h. m.	South h. m.	Sets h. m.
♂	53	1	Aldebaran, or Bull's Eye	1 a 34	0 a 48	0 b 0
♄ ♃	29	1	Left Foot of Orion	4 31	1 31	1 34
♃ ♄	36	2	Middle * in Orions Belt	4 13	1 51	0 35
♂ ☿	45	1	Right Shoulder of Orion	3 23	2 8	0 8
♀ ♂	21	1	Syrius, the great Dog	6 41	3 1	0 48
♂	43	2	Procyon, the little Dog	5 33	3 58	2 a 7
♄ ♀	30	1	Heart of Hydra	8 39	5 41	2 44
♃ ♂	51	1	Regulus, Lions Heart	7 26	6 21	5 16
☿	54	1	The Lions Tail, Deneb	8 42	7 54	7 7
♀ ♂	28	1	Virgins Spike	12 46	9 38	6 36
♂ ♃	58	1	Arcturus	10 47	10 30	10 12
♂	12	1	Antares, the Scorp. He.	17 36	12 39	7 42
♄ ☿	46	2	Bright * of the Vulture	17 38	16 3	0 b 27
♀ ♆	6	1	Fomelhaut	11 14	19 11	10 37
♓ ♀	56	2	Head of Andromeda	10 42	16 19	2 56

THE brighteſt of the 7 *'s is of the third Magnitude, and hath 61 Degrees of Meridian Altitude, and in Colour participates of the ☽ and ☿

2. The fixed Stars all riſe, ſouth and ſet about 4 minutes ſooner every Night than they did the Night before; this conſidered, the exact Time of their Riſing, Southing and Setting for any intermediate Night, not herein noted, may be very eaſily deduced from theſe Tables, by Inſpection only.

To know the Time of the Riſing, Southing and Setting of any Star in this Table, for any Day required, it is but conſidering how many Hours and Minutes that Star Riſes, Souths, or Sets, either before or after the 7 Stars on that Day, and you will have your Deſire; obſerving that in this Table, a ſtands for after, and b for before.

A Table ſhewing the Bearing, Diſtance, Longeſt Day, and Difference of Meridians of moſt of the principal Cities in the World, from the famous City of LONDON.

Names of the Places	The Way or Point of bearing	Diſt. in mil.	Longeſt Day h.	m	Differ. merid. h.	m.
Alexandria in Egypt	ſ. e. by e.	2169	14	00	2	42 A
Amſterdam in Holland	e. by north	266	16	40	0	28 A
Athens in Greece	ſ. e. by eaſt	1642	14	40	0	56 A
Antwerp in Brabant	Eaſt fere	748	16	28	0	24 A
Babylon	e. ſouth eaſt	2724	14	45	3	56 A
Bethſaida	ſ. e. by eaſt	2369	14	6	2	20 A
Bermudas	w. ſ. w.	3409	14	10	4	56 A
Calicute in Eaſt-India	ſo. e. by e.	5214	12	10	6	8 A
Calais in France	eaſt by ſouth	86	16	25	0	9 A
Conſtantinople	e. ſouth e.	1547	15	15	2	24 A
Dublin in Ireland	n. w. by w.	296	17	15	0	26 A
Dantzick	e. north e.	961	17	5	1	44 A
Damaſcus	eaſt ſou. eaſt	2404	14	15	3	16 A
Edinburgh in Scotland	North	328	17	40	0	0 A
Epheſus	e. ſouth eaſt	1808	14	40	2	30 A
Florence	ſouth eaſt	802	15	10	0	57 A
Frankfort	Eaſt fere	448	16	15	0	47 A
Hamburgh	eaſt no. eaſt	538	18	0	0	56 A
Jeruſalem	ſo. eaſt by e.	2352	14	8	3	3 A
Joppa	ſo eaſt by e	2338	14	6	3	0 A
Liſbon in Portugal	ſo ſouth w.	985	14	45	1	0 A
Middleburgh in Zealand	Eaſt	205	16	30	0	20 A
Mentz in Germany	Eaſt	410	16	25	0	40 A
Morocco in Barbary	ſo. ſo. weſt	1449	14	0	0	28 A
Mexico	w. by ſouth	6844	13	20	0	59 A
Naples	ſo. e. by e.	1051	14	50	0	16 A
Nineveh	eaſt ſo. eaſt	2635	14	30	3	52 A
Paris in France	ſo. ſo. eaſt	215	15	57	0	20 A
Philippi in *Macedonia*	eaſt ſo. eaſt	1395	15	10	2	10 A
Praguein Bohemia	Eaſt fere	700	16	15	1	14 A
Quinza.	eaſt by ſou.	7272	13	35	1	28 A
Rome	ſo. e. by e.	887	15	4	1	7 A
Spire	eaſt by ſouth	440	16	2	0	46 A
Strasburgh	eaſt by ſouth	432	16	6	0	41 A
Toledo in Spain	ſo. by weſt	934	14	36	5	36 A
Troy	eaſt ſo. eaſt	1605	15	00	2	62 A
Tumbes	ſo. w. by w.	6045	12	15	6	56 A
Venice	eaſt ſo. eaſt	474	15	28	1	38
Seville	ſo. by weſt	950	14	40	0	52 A
York	North fere	130	17	0	0	8 A
LONDON			16	24	0	0

Of the ECLIPSES *that will happen in this Year* 1770.

WITHIN the Circumference of this Year there will be only two Eclipſes, and both of the Sun; and they happen as followeth:

The firſt of theſe will fall on *Thurſday* the 25th of *May*, about half an Hour paſt One in the Morning: It is a great and total Eclipſe in the ſouthern Parts of *America*; but with us at *London*, it is inviſible.——The ſecond will be on *Saturday* the 17th of *November*, at a Quarter paſt 10 o'Clock in the Forenoon; but this will not be viſible here in *England*, becauſe of the Moon's Latitude being South, and that alſo augmented by her Parallax of Latitude (which is always the Caſe in theſe Northern Regions) depreſſeth her below the Sun's Limb; it is therefore only viſible in the remote ſouthern Parts of the Globe. One of theſe Eclipſes happening before the Sun's Apogeon, and the other after it, is the Reaſon (according to the Rules of Aſtronomy) there will be no Eclipſes of the Moon this Year.

Mr. *H. Andrews*, of *Royſton*, in *Herts*, who favour'd me with the Calculations of the Eclipſes for the two laſt Years, tells me, that he made a Miſtake in the Computation of the viſible Eclipſe of the Moon that happened in *December*, 1769, through an Overſight of the Duration of it; for the Beginning thereof ſhould have been 5 Minutes, 36 Seconds later, and the End 5 Minutes, 36 Seconds ſooner. And in the Account of the Tranſit of *Venus*, for *Sun's Horizontal*, &c. read *Sun's horizontal Parallax*, &c.

In the Year 1768, in this Almanack, I did ſhew the true Grounds of predicting aſtrologically, and from thence the Reaſon of thoſe Things in Nature; but I find by my Letters from my Correſpondents, in different Parts of the Kingdom, that my Rules there delivered were too intricate and conciſe, I will now, for their Satisfaction, and for the Sake of other true Lovers of Art, give ſome choice aſtrological Aphoriſms, which have been huddled up in the *Latin* Tongue for two Centuries, but now communicated into our own Language by me; wherein is briefly comprehended, the whole Myſtery of annual Judgments of mundane Affairs, and other Things, worthy of the Reader's Conſideration.

1. He that would judicially conſider the annual and monthly Contingencies, or great Concernments of the World, it is neceſſary, in the firſt Place, that he underſtand the natural and accidental Signification of every Planet, both in the Macrocoſm and Microcoſm.

2. He muſt alſo have a certain Epocha, or Radix, from whence to derive, firſt, his greater Judgment, ſecondly, his leſſer Judgment, when he intends a ſerious Diſcourſe.

3. The Artift muft know how to vary the Planets Significations, according to the Year wherein he writes, having ſtill a Regard to the grand Epocha of ſuperior Conjunctions, or Comets, preceding.

4. He ſhould, (if poſſible) attain the true Time, or poſitive Aſcendant of the King or Prince in whoſe Dominions he ſhall write, and the Aſcendant of that Kingdom or Principality; as alſo the Aſcendants (if they may be obtained) of moſt of the great Cities and Towns-Corporate therein, and the Nativities of thoſe Officers who are in moſt Authority, or regulate the then preſent Affairs under their Prince: As alſo the Nativities of moſt Chriſtian Kings, or of all *Europe*, with the Directions each King hath operating every Year.

5. Of Epoches, or Radices, the Aſtrologer ought ſeriouſly to conſider the firſt great Conjunction of the ſuperior Planets, *Saturn* and *Jupiter*, when they leave one Trigon and enter another; and curiouſly obſerve the main Deſign of that Conjunction, and how it agreeth with that preſent Time, or what material Change is in any Nation, or what new Dominion, *&c.*

6. Every ſucceeding Conjunction from the firſt to the laſt, or unto that Time, the Aſtrologer writes; and more eſpecially that Conjunction which laſt preceded the Time of his writing, ought to be warily conſidered, and alſo how it differs eſſentially from the firſt Conjunction, either in Unity or Diſcordancy.

7. The ſeveral Conjunctions of *Saturn* and *Mars*, and *Jupiter* and *Mars*, ſucceeding the laſt Conjunction of the Superiors, and either lately preceding, or preſently ſucceeding, the Time of the Artiſt's Writing, muſt be carefully obſerved in Judgments; for the great Conjunctions may aptly be compared to a Tree, and the leſſer Conjunctions to the Branches.

8. The true Place, *viz.* Sign and Degree in the Zodiac of any new Star, Comet, Stella Crinita, or miraculous Apparition, ought to be had, if poſſibly it may be obtained: If the Degree cannot be procured, yet the Sign wherein any ſuch Phenomenon appears, muſt aſſuredly be known, and as near the Degree thereof as may be. For though Philoſophy and Philoſophers teach us, that Comets have a Matter or etherial Subſtance, of which they are created, yet thoſe learned Men, wanting angelical Converſation, are deceived; for how ſhould it come to paſs, that a rude Matter, from which they ſay Comets are derived or created, ſhould put the Comet into ſuch or ſuch a Form, and cauſe it to be direct, or retrograde, or the Tail thereof to be of one Colour in ſome Comets, and different in others; of ſuch a Magnitude and Form, or Length, and to vary in Motion to the ſeveral Quarters of the Heavens, where the Effects do evermore moſt certainly ſucceed, either for Good or Ill? Therefore the ſecret Learning, of which few of the Ancients had

had any Knowledge, is moſt to be adhered unto, but rarely to be communicated to Mankind. But this, *aliter*.

9. The Ancients do enjoin us ſeriouſly to conſider of preſent ſolar and lunar Eclipſes, and there is a great deal therein to be conſidered; but, in Reality, I declare, that not ſo much of that powerful Efficacy ever appeared unto me, as they have delivered and given Caution of. I mean, that Eclipſes operate not with that Violence, or ſo terribly, as the Ancients have recorded, and left in their Writings to Poſterity. However, they are with Moderation to be handled, and the very Truth is, they do rather work generally than particularly.

10. Conſideration ought to be had (in judging of general Accidents of the World) what fixed Stars, of the firſt or ſecond Magnitude, are near the Place of any greater or leſs Conjunction, or Comet, Stella Crinita, or unuſual Apparition, and whether their Deſtination or Latitude be North or South. As alſo the Colour is to be obſerved, and what little fixed Stars are near them, with the Conſtellation or Conſtellations theſe Apparitions poſſeſs: In theſe Things great Circumſpection and Care ought to be taken.

11. Nor are the ſecondary Intelligences, *viz.* what Angel then governs, to be omitted in Conſideration for the judgment of future Events; as to ſearch when he began his Dominion, and how many Years ſince his Government, for there is a very great Myſtery in this. *Trithemius*'s Menſuration of Time in thoſe Matters doth excel all that I have ever ſeen, and it doth concur with the Opinion of the moſt learned Rabbins; but they were too much ſuperſtitious in their Application. His Meaſure or Limitation of Time was deduced from certain or aſſured Revelations, other Men's Conceits are only conjectural, and have no true Affinity with Verity or Experience. Herein the true underſtanding of the Aſſignation of the Planets and Signs to particular Kingdoms and Countries, or Communities of Mankind, will much avail in giving Judgment.

12. Now in Order it follows, that the Aſtrologian do alſo conſider the eſſential Fortitude of the Planets, the Superiors eſpecially: For all thoſe Planets that are below the Sun, *viz.* Venus, Mercury, and the Moon, do not occaſion any great Mutation in the World; they do ſometimes, for a while, put great Actions forward, and at other Times retard them, but always without Violence.

13. In the Conſideration of eſſential Fortitudes in ſome Matters, the Houſe of a Planet ought to be preferred before the Exaltation; for this is certain, that Matters, Things, Governments, erected when the principal Significator is in his Houſe or Manſion, do endure longer, and more firmly, than when the Significator at the Time ſhall be poſited in his Exaltation; for

for then thoſe Matters, *viz.* new erecting a Government, City, Family, *&c.* do continue but a ſhort Time, with much Pride, conceited Eſtimation and Fame, *&c.* rather than ſober Reality.

14. As in taking the Fortitudes of the Planets great Care ought to be had, ſo their Debilities muſt be obſerved with no leſs Care and Prudence: Wherein I adviſe you to beware of the Effects or Influence of a Planet when he is in his Detriment, rather than when he is in his Fall; for a Planet in his Detriment is like a Perſon caſt out of all his Eſtate, without Hopes of Recovery, whereas the Fall ſhows but a preſent Subjection unto a Misfortune, with Hopes of a Recovery: But theſe Things are only introductory.

15. Above all Things, let the Artiſt rather judge by the Strength of his Reaſon, guided by Art, upon the Configurations of the Planets, than by ill-digeſted Aphoriſms laid down by ſome Authors, which, if not judiciouſly applied in Judgments, rarely hit the White, or ſpeak Truth; and therefore it was judiciouſly written by Ptolemy, that Prince of Aſtrologers, *A, te, et a Scientia.*

16. Be converſant in precedent Hiſtories, and therein obſerve either the great Happineſſes or Calamities that have befallen any Kingdom, Country, or People, and in what Year they manifeſted themſelves. Then alſo obſerve what Planet in thoſe Times was moſt potent, or eſſentially dignified, or the contrary; what Comet or blazing Star preceded, and the Sign it appeared in; what greater or minor Conjunction was then in force; alſo what Eclipſes, *&c.* and accordingly frame a Judgment, *&c.*

17. It is obſervable, that Calamity or Miſery ſeldom afflicts any People, but Saturn has a ſtrong Hand in it. Peace and Proſperity, and Plenty, proceed in a natural Way from the Influence of Jupiter. Commotions from Saturn, the Moon, and Mars. Wars and Rumours of Wars from Mars and the Sun.

18. The Lunations preceding the Change and Full Moon concurring with the Figure of the Change or Full Moon, near the Time of any notable Tranſit, or eminent Conjunction, or Oppoſition of the ſuperior Planets, puts Deſigns then on Foot into preſent Action, and with much Secreſy, if it have Signification in the Change: but publickly and openly, if thoſe Configurations happen at or near the Full Moon, and the Figure thereof correſpond as aforeſaid.

19. The Signs of the Zodiac are ſeriouſly to be obſerved, for Aries is violent, Libra is moderate, Cancer is ſudden, Capricorn is ſlow, Taurus is heavy, Gemini is nimble, Leo is valiant, Virgo is barbarous, Scorpio is falſe, Sagitary manly, Aqua-

Aquarius ſober, Piſces cowardly. Of all the Signs in the Zodiac, Cancer is the moſt impetuous as to Commotions and ſhedding of Blood without Mercy; for in that Sign Hercules, and the two Dog Stars, are located with ſeveral others of the Nature of Saturn and Mercury.

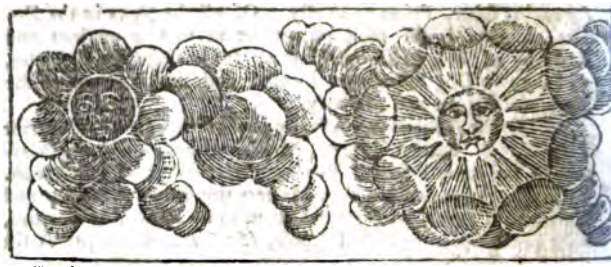
10. Great Actions are uſually preſignified by the ſuperior Planets, *viz.* Saturn, Jupiter, Mars, and Sol; and petty Matters by the three inferior, Venus, Mercury, and the Moon. Saturn in Aries denotes high Matters tranſacted with Fear and Care; in Taurus, with great Labour to no Effect; in Gemini, with much Speed to little Purpoſe, *&c.* An ingenious Artiſt will find out the reſt.

11. There is in the Art of Aſtrology (which ſome ignorant Perſons are pleaſed to vilify) *Arcanam quoddam* equivalent to Prophecy, but ſo diſtributed to Man by the Almighty, that he cannot eaſily communicate his Knowledge, or Conceptions therein, to another; and yet it is attainable by Prayer and the Aſſiſtance of the Divine Genius.

12. When, and at what Time the Divine Genius invites, or ſecretly prompts the Underſtanding to curious Notions, obſerve that Time (*viz.* the Aſcendant of the Figure of Heaven for that Moment) and how the Moon applies; for whatever concerns, thoſe Notions muſt be further agitated, written, or ſtudied, when the Moon is in a Sextile or rather Trine Aſpect to that ſhe was in at that Time, and if poſſible with that Planet who was then Patron or Significator proper for thoſe Conceptions; and this is ſomething near attaining Prophecy, if rightly underſtood. Above all Things ſerve God. Aſtrology is attainable by Prayer and Induſtry, eſpecially by ſuch a Perſon that hath a natural Propenſity to the Study thereof. Here lies a Key in theſe Words that will unlock, if it be turned by a wiſe Hand, the whole Cabinet of mundane Aſtrology. He that reads them, and underſtands what he reads, may make a good Proficient in the Art: He that underſtands them not, in my Opinion, is very unfit to profeſs it. The Grave equals all Men, and then I ſhall be equal with all Princes, until which Time the Eternal Providence is over me; then the ill Tongue of a prating Fellow, or of one that has more Tongue than Wit, or more Pride than Honeſty, ſhall never diſturb me: But Wiſdom is juſtified of her Children, but I don't ſay the Aſtrologer's Rules are infallible in Reality;

For in ſ' abtruſe an Art can any write,
Still ſo exactly as to hit the White?
Our Brains caught ſuch a Bruiſe by Adam's Fall,
We Know but darkly ſince, or not at all.

Where all well, is all good, a Sun and Moon is exiſtent, his Ruin draweth near. The Heaven is making Haſte to change that Fortune into the ſame Caſe, as the ſeventh Rock is.



Explanation. This ſeems to hint at the too great Pride of France, thinking to brave other Nations, when its own Ruin is near at Hand. Heaven in its eternal Decrees, perhaps, having deſign'd to infatuate their Councils or Devices, which may be meant by the Rock, ſignifying a Thing inſenſible, into which the Policies and Projects may be changed. Thus far Noſtradamus; and ſo I paſs on to my aſtrological Obſervations for this Year.

My Muſe awake, my Genius bids my Quill
Beg of Minerva to impart ſome Skill.
Some Skill to unveil the heav'nly Canopy,
Their Motions and their Influx to deſcry.
If lofty Saturn, with a frowning Look,
Or Jove's miſguided Zeal, condemn my Book,
Or fiery Mars his angry Sword ſhould draw,
Or Sol my Duty makes me ſtand in Awe,
Or Venus Wantons in their Mirth me flout,
Mercurial Wits my Faults may blaze about.
Or Lunar Vulgars, Zoilus and Momus too,
Do ſay I meddle with what I've not to do.
I fear no Cenſure, nor what Critics ſay,
My Friend will meet me in the Packhorſe Way.
I paſs not much how Men affected be,
If I my Reader pleaſe, it pleaſeth me.
Some Men do ſeem to like my Method well,
For them, Oh! how my Humour would excel.
But ſtill my Humour doth conſiſt in this,
While I pleaſe them I cannot write amiſs.

And ſo I come to conſider the four Seaſons of the Year; and firſt, of the Brumal, or Winter Quarter.

This Quarter begins on Thurſday the 21ſt Day of December, at 38 Minutes paſt 11 mane apparent Time, when 17 Degrees of Piſces aſcends, and 25 Degrees of Sagitarius culminates. In this remarkable Ingreſs all the Planets, except Saturn, are above the Earth; of which no leſs than four are in the ninth, and the glorious Sun in the tenth, and the Moon in the 7th,

the

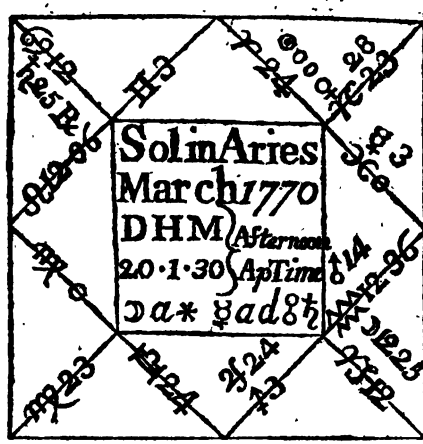
the four Planets are in Sagitarius, the domal Dignities of Jupiter, who is the Patron of our Laws and Religion if it was not the Winter Season. Yet such a Congress declare it a Time set apart more for Consultation than Action, and to such as unanimously terminate in the Advancement of Trade, and Interest of Religion; for Jupiter is Lord of the prime Angles, conjoin'd with Mars, Venus, and Mercury; and therefore, if planetary Influences may be credited, such a Confluence of Testimonies must undeniably concur to the healing of past Differences in several States and Kingdoms of Europe, the promoting of Trade, the Encouragement of true Religion, and that upon a lasting and sure Foundation, and we hope our distress'd Brethren abroad will happily participate of those desired Blessings. And no less pleasing to the Eye will the continued Conjunction of these Planets be, for altho' they are at this Ingress in the same Sign, yet not in the same Degree, but by the Time that Jupiter shall have emerged out of the Sun's Beams, which is about the 23d or 24th Day, when Mars and Venus come up to him in about 12 Degrees of Sagitarius, and Mercury in the latter End of the Sign may be seen together in the East before Sun-rising, continuing so without much Alteration during the Christmas. If the Air be clear, very pleasant to behold, and worthy the Observation of the Curious.

Thus the harmonious Motions of the Spheres,
Please Eyes and Mind, as Musick doth the Ears.

And lastly, these Configurations rather promote Peace and Happiness to Mankind in general, and Things for the better are most likely to happen, as friendly Debates about Religion, public Accounts and Disbursements, and several Things of Consequence, brought into Form and Order for a Cure. The Statesmen of Europe will be very vigilant, and also diligent in their several Stations to promote and procure their Master's Interests, and to prevent Differences and further Mischiefs that may arise in Matters of Controversy in State Affairs. The Diseases incident to this Quarter are, Pains in the Back, Convulsions, Pleurisies, and long continued Distempers. Many aged People make their Exit out of this, we hope to a better World.

With constant Care our Minutes are attended,
In constant Care let all our Lives be spent;
Let by a constant Care our Lives be mended,
So from a constant Care we reap Content.
Or if a constant Care we ever do neglect,
No less than constant Care can bring the same Effect.

In



In the next Place I ſhall conſider the Spring Quarter, which takes its Beginning on Tueſday the 20th of March, at 30 Minutes paſt 1 in the Afternoon; at which Time 13 Degrees of Leo aſcends, and 24 of Aries is on the Mid-Heaven, and Saturn in the 12th Retrograde, Jupiter in the 4th, Mars in the 7th, the Moon in the 6th, ſeparating from the Sextile of Mercury, and applying to the Oppoſition of Saturn, and the reſt are placed as in the foregoing Scheme.

Altho' many Contingencies may naturally be deduced from annual Revolutions, touching the State of Kingdoms and Commonwealths, as their Riſe, Height of Grandeur, and even their Subverſions, and the like, which the Aſtrologer, by the very Inſight of Nature, may oftentimes foreſee, as not only Hiſtory but Experience can teſtify; yet nevertheleſs, leſt I ſhould ſoar too high, and be thought extravagant, I ſhall level my Pen in the Enquiry of ſuch Matters as are more pertinent to our Purpoſe, and ſhall deliver nothing but what I have Authority and Ground for in Aſtrology. The former Part of this Quarter will be taken up in Conſultation about great and weighty Matters, many Places under Cancer will meet with Trouble, an Uneaſineſs in Conſtantinople, the Turk ſeems to loſe Ground, his Affairs go backward, Venice and Genoa are both concerned, ſome Part of Ruſſia diſturbed, and ſo is Burgundy alſo; Italy ſeems to be diſquieted, and Rome is capſick; Cremona out of Order, and many other Places, as Revenna and Poland, &c. but in an ill Condition. Some Officer of State this Quarter is removed by Death, or Turn of Affairs, and ſome Clerk meets with Diſgrace; many Heats, Feuds, and choleric Paſſions ariſe,

and

and the Sons of Belial are ſowing the Seeds of Diſcord, and broaching divers Opinions to ſeduce the Ignorant; but towards the latter Part Things will look more pleaſant, and the Frenzy will be pretty well cured in the Enemies of our Church and King. The Diſeaſes are ſuch as proceed from Cold, as the Megrim, Vertigo, Wind, Cholic, cold Rheums, Belchings, cold Stomach, Sciatica, Coughs, Convulſions, yellow Jaundice, and Peſtilence in many Parts of the World: And ſo I end this Quarter with the following Lines

The glorious Sun now darts his radiant Streams,
And gilds each Flower with his golden Beams;
Woods cloath'd in green, the Choriſters aloud
Warble their Notes, and the Cuckow with the Croud
Comes up, cries, Cuckow, and lives without Care,
Sucks others Eggs: Pray, Citizens, beware.
Upon a neighbouring Hill, both freſh and gay,
You may behold young harmleſs Lambs to play.
See Corn in Bloom, Trees deck'd with Bloſſoms white,
And ev'ry Thing that's pleaſant to the Sight.
Thus Nature plenteous Crops doth yearly yield;
And does adorn each Mead and goodly Field.
Then why ſhould Man contend with Man, when he
Sees the whole Creation does ſo well agree.

The Summer Quarter begins at ſuch Time as the Sun enters the tropical Sign Cancer, which this Year happens on Thurſday the 21ſt of June, at 9 Minutes before Noon, when 28 Degrees of Virgo aſcends, and 28 Degrees of Gemini is on the Medium Cœli, Saturn is in the 11th, Jupiter in the 5th, Mars in the 8th, Moon in the 9th, the Sun, Venus, and Mercury in the 10th; ſuch is the Poſition of the Heavens at this Solſtice. Now Times ſeem better than formerly, and many who were ſunk into the Grave of Deſpair, do now lift up their Heads again, and are now in Hopes of ſeeing better Times. The Reception of the Moon and Mercury, and the Moon's Application to Jupiter in his own domal Dignities, make the common People very induſtrious and ſucceſsful in their Vocations and Callings. Merchants and Mariners are fortunate; Agents and Ambaſſadors diligent in their Maſter's Buſineſs; Fleets come Home well cargo'd; Barns and Storehouſes filled; Arts and Sciences advanced, and likewiſe many witty and uſeful Inventions, tending both to Profit and Pleaſure, advanced; ſo making good the Saying of the Poet,

Omne tulit punctum, qui miſcuit utile dulci.
He doth moſt ſurely hit the White,
Who mixeth Profit with Delight.

The Autumnal Quarter begins on Sunday the 23d Day of September, at 25 Minutes paſt 1 mane, at which Time 20 Degrees of Aries are on the Medium Cœli, and 10 Degrees of Leo

aſcends, Jupiter in the 5th, and Mars in Oppoſition to him from the 11th, the Sun in the 3d, Venus, Mercury, and the Moon in the 4th, and Saturn in the Aſcendant. It is a violent and active Ingreſs; here is a Complication of Good and Bad; but as my Book is at an End, I muſt leave it to Time to determine, and conclude my this Year's Taſk with theſe poetical Lines.

God bleſs the King, direct him what to do,
God bleſs the Peers, God bleſs the People too;
Thoſe Peers I mean that, with an inbred Zeal,
Seek Britain's Peace, purſuing Publick Weal;
That dare be honeſt, tho' at any Rate,
That ſtand prepar'd to meet the worſt of Fate;
That laugh at Threats, and Flatteries deſpiſe,
That won't be knaviſh to be counted wiſe.
That ſcorn the tim'rous Fool, whoſe feeble Mind
Is whirl'd about with ev'ry Blaſt of Wind;
That to Self-Intereſt lend no liſt'ning Ear,
Nor ſuffers Reaſon to be led by Fear;
That of no Faction are, but do profeſs,
To King and Country with True-heartedneſs,
Both Loyalty and Love, with an Intent
Diviſion and Diſunion to prevent.
Diviſion! O 'twas that unhappy Word
Did once more Miſchief than a Popiſh Sword
Could ever do. Oh! that a ſweet Communion
Of Peace and Love may but compleat our Union;
Then ſhall we all eſcape the Scorpion's Claws,
And dread no Power but what's deriv'd from Laws.

FINIS.

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BEING AN

ALMANACK

For the Year of our Redemption,

1 7 7 3

Being the fecond after *Bissextile*, or *Leap Year*;

And from the Creation of the World, according to the beſt Hiſtory, 5719,

And the 81ſt of our Deliverance by K. William from Popery, and Arbitrary Government;

But the 75th from the

Horrid, Popiſh, High-Church, Jacobite Plot.

Wherein is contained all Things fitting and uſeful for ſuch a Work, as an Ephemeris of the daily Motion of the Planets, with their various Configurations, Aſpects, Conjunctions, Lunations, Eclipſes, Aſtronomical, Aſtrological, Meteorological Obſervations, the Riſing and Setting of the Sun, Moon, Planets, and fixed Stars, illuſtrated with Tables of the Tides, Terms, and daily Equation of Clocks, Length and Break, Increaſe and Decreaſe of Days, Semidiurnal and Seminocturnal Arches for ſeveral Latitudes, a Chronology, Remarks on the Diviſions of the Heavens, with Judments of the Eclipſes, with many other Things relating to the Truth of Aſtrology.

Calculated for the Meridian of *London*.

Whoſe { Longitude / Latitude } is { 24 / 51 } Degrees { 20 / 32 } Minutes.

By JOHN PARTRIDGE.

——— *Etiam Mortuus I quitur.*

LONDON: Printed by *M. HARRISON*, for the Company of STATIONERS.

[Price Stitched Nine Pence.]

An Eſſay on Cœleſtial Influences.

THE great Creator, bleſſed for ever in his works incomprehenſible among other his various operations, he is admirably diſcovered in the conſtitutions of the air, and the general viciſſitudes of the ſame, and mundane affairs, which is produced by ſecondary and inferior cauſes and generants; and thoſe acted upon the theatre of the open air, being ſo near and previous unto man, that he may, by obſervation, arrive unto ſome apprehenſion of their ſecondary cauſes. All will believe that the ſea comprehends all the ſeminal cauſes of her productions, and the earth whatever is bred in her bowels. The World has been convinced, in all ages, of the power of the heavens in forming the phænomenas in the air, viz. meteors, Halo's rainbows, parelia, parasakena, chaſms, clouds, rain, miſts, dews, fiery trajections, lightning, thunder, blaſting, froſt, ſnow, hail, winds, &c. ſuch as we call prodigious, and out of kind, yet the heavens cannot be totally excluded from their influences therein. Few are ignorant of the uſual prognoſtics of rain and change of weather from fire, water, animates, and inanimates, which do owe their original from heat cœleſtial, and it's conſequent moiſture having a ſecret impreſſion upon the creature: the unuſual motions and noiſes of the crow, cock, gooſe, ducks, owl, ſwine, waterfowl leaving their element, and flying farther into the country, the ſtrange motions and poſtures of creatures, every body making their obſervations therefrom, they do not argue any divinations in the creatures, but a ſenſible diſquiet and alterations that are felt in them at ſuch times; not to mention the obſervations made by people inhabiting near the ſea coaſt, viz. murmuring of the ſea, bubling and ſwelling thereof without noiſe, the breaking or dividing of the froth, theſe agitated by the dominion of the heavens upon the water, and a diſturbance raiſed by cœleſtial warmth; not to mention the ſweating of walls and glaſs, the ſucking of wood, cracking of wainſcot. vial ſtrings ſnapping aſunder, argue the appulſe of the moiſt atom upon the chill ſuperfices. But here comes the puzzle, the ſtate of the air is not uniform in all places

no not in the ſame kingdom, province, or country. If I ſhould relate the famous Kelper's inſtances of this nature in Germany, Poland, &c. mentioned in his ephemeris, I ſhould be too prolix: and, indeed, there is no need, the common atteſtation of travellers, and the obſervation of the people in every town, comparing notes with their neighbours. We had no rain here, ſaith one; we had no fog at our town, ſaith another; we had no thunder, ſaith another; nor we had no hail (which indeed you ſhall not hear of two places, though near, agree in it's admiſſion.) By this admirable variety, God is pleaſed to give us a remark of his power, that *he cauſes it to rain on one city, and not on another.* Amos iv. 7. This ought not to confound our contemplation and hypotheſis, as the aforenamed Kepler was at this variety in his ephemeries in June, 1625, but, in September 1629; though with wonder, not confuſion, he cries out, *Ecce quid cælum, quid terra, quid loca poſſint!* The variety of the airs, conſtitutions, whether permanent or tranſient, muſt be referred to the influence above, and the diverſity muſt be referred to the quality and ſituation of the place, whether it be near a river, ſea, or lake, whether it be hill or dale, ſands or clay, all which contribute to the individual conſtitutions of hot, cold, dry, groſs, moiſt, foggy, by way of cauſe material, or reduced to the efficient.

Ad Filium Terræ.

God made the heavens for man to view, the book
Of nature, on which man ought to look.
The ſtars the letters, whoſe influence fulfil
To man's dim ſight the great Creator's will.
The thouſandth part o'th' earth doth not appear
Unto thy ſight, o'th' heavens the hemiſphere.
Why fool-like ſlights thou one, admires the other?
Child-like the father ſlights, and loves the mother.

All perſons that write unto me upon their own buſineſs eſpecially upon points of curioſity, wherein I can expect no profit, are deſired to pay the poſtage of their letters or they will be returned by

THOMAS WRIGHT

A Table of the Moon's Age for every Day throughout the present Year 1770. Whereby, with the Help of the new general Tide-Table, the Time of High Water at all the Places above-mentioned in it are shewn by Inspection.

Days Month.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	5	6	5	6	7	8	9	10	12	13	14	15
2	6	7	6	7	8	9	10	11	13	14	15	16
3	7	8	7	8	9	10	11	12	14	15	16	17
4	8	9	8	9	10	11	12	13	15	16	17	18
5	9	10	9	10	11	12	13	14	16	17	18	19
6	10	11	10	11	12	13	14	15	17	18	19	20
7	11	12	11	12	13	14	15	16	18	19	20	21
8	12	13	12	13	14	15	16	17	19	20	21	22
9	13	14	13	14	15	16	17	18	20	21	22	23
10	14	15	14	15	16	17	18	19	21	22	23	24
11	15	16	15	16	17	18	19	20	22	23	24	25
12	16	17	16	17	18	19	20	21	23	24	25	26
13	17	18	17	18	19	20	21	22	24	25	26	27
14	18	19	18	19	20	21	22	23	25	26	27	28
15	19	20	19	20	21	22	23	24	26	27	28	29
16	20	21	20	21	22	23	24	25	27	28	29	N
17	21	22	21	22	23	24	25	26	28	29	N	1
18	22	23	22	23	24	25	26	27	29	N	2	2
19	23	24	23	24	25	26	27	28	N	1	3	3
20	24	25	24	25	26	27	28	N	2	2	4	4
21	25	26	25	26	27	28	29	1	3	3	5	5
22	26	27	26	27	28	29	N	2	4	4	6	6
23	27	28	27	28	29	N	1	3	5	5	7	7
24	28	29	28	29	N	1	2	4	6	6	8	8
25	29	N	29	N	1	2	3	5	7	7	9	9
26	N	2	N	2	2	3	4	6	8	8	10	10
27	1	3	1	3	3	4	5	7	9	9	11	11
28	2	4	2	4	4	5	6	8	10	10	12	12
29	3		3	5	5	6	7	9	11	11	13	13
30	4		4	6	6	7	8	10	12	12	14	14
31	5		5		7	8	9	11		13		15

An Explanation of this and the following Table.

First find the Month in the Head of the Table, and the Day in the first Column on the left Hand, and in the Angle of Meeting you have the Day of the Moon's Age, with which enter the following Table, and find your said Number in the left Hand Column, and over against it in the other Columns is the Time of High Water at all the Places abovementioned, by Inspection.

Example. *January* the 16th, I find the Moon to be 20 Days old, and over-against 20 in the first Col. I find 7 Hours 00 Min. in the second Col. 5h. 30′ in the third, which is the Time of High Water at all those Places mentioned above in the 2d and 3d Columns. *Et sic de cæteris.*

A general Tide Table, shewing the Time of High Water at all the Places herein mentioned, *viz.*

Enter this Column with the Moon's Age, and over against it you have the Time of High Water at the Places above.		*Lond. Tinm. Hartl. Amster. Dort, Whitby, Galacia, Gasc. West of Irel. Britain at Groin, Rotterd. and Robin H. Bay.*		*Downs, Graves. Ramk. Guerns. Rumn. Thanet, Scilly half Tide, Seny H. Zenn at Blacken N Cape, bet. Cal. and Dov*		*Plym. Rams. Sev. Humb. Foy, Torb. Newc. Falm. Dartm. Lizard, St. Maloes, at the Spurn, betw. Scilly and the Liz.*		*Hull, Lynn, Weym. Fosl. Antw. St. Dav. Holmes of Bristol, Lund. St. Paul's Salcom, without Ushant, Waters. half Tide.*		*Boston, Bristol, Foulu. Startp. Lanion. Alsbor. Weym. Key, Lime, before St. Nicholas, Sedmouth in the Channel, Foy.*		*Dover, Harw. Bullein Yarm. Road, Calice Road, S. John de Luca, S. Torel. St. Helens, Coast of Norm. and Picardy*		*Ports. Quinb. Southa. Leith, Isle of Wight, Dunk. Kentish Knock, Beachy, Canado, C. of Fland. Spires. Dover Pier.*		*Portl. Peter-port, Hague, Dubl. Harf. Lambay, Magnus Sound, Comb without the Casketts, Macness, Milford, Texel.*	
☽'s	A	H.	M.	H.	M.	H.	M.	H.	M.	H.	M	H.	M.	H.	M.	H.	M.
1	16	3	48	2	18	6	3	6	48	7	33	11	18	12	48	9	3
2	17	4	36	3	6	6	51	7	36	8	21	12	6	1	36	9	51
3	18	5	24	3	54	7	39	8	24	9	9	12	54	2	24	10	39
4	19	6	12	4	42	8	27	9	12	9	57	1	42	3	12	11	27
5	20	7	0	5	30	9	15	10	0	10	45	2	30	4	0	12	15
6	21	7	48	6	18	10	3	10	48	11	33	3	18	4	48	1	3
7	22	8	36	7	6	10	51	11	36	12	21	4	6	5	36	1	51
8	23	9	24	7	54	11	39	12	24	1	9	4	54	6	24	2	39
9	24	10	12	8	42	12	27	1	12	1	57	5	42	7	12	3	27
10	25	11	0	9	30	1	15	2	0	2	45	6	30	8	0	4	15
11	26	11	48	10	18	2	3	2	48	3	33	7	18	8	48	5	3
12	27	12	36	11	6	2	51	3	36	4	21	8	6	9	36	5	51
13	28	1	24	11	54	3	39	4	24	5	9	8	54	10	24	6	39
14	29	2	12	12	42	4	27	5	12	5	57	9	42	11	12	7	27
15	30	3	0	1	30	5	15	6	0	6	45	10	30	12	0	8	15

A Table shewing what Sign the Moon is in (and the Part of the Body it governs) for every other Day in this present Year of our Lord 1770, being of excellent Use for the Direction of any Person that deals in Cattle, &c. It being so plain and easy, that it requires no more Explanation, and it's Use is exhibited by Inspection.

D.	*Jan.*	D.	*Febr.*	D	*March*	D.	*April*	D	*May*	D.	*June*
1	ancles	2	neck	2	neck	2	breaſt	2	heart	1	ſtom.
3	feet	4	throat	4	arms	4	heart	4	bowel	3	loins
5	head	6	arms	6	breaſt	6	bowel	6	reins	5	ſecrets
7	throat	8	breaſt	8	heart	8	belly	8	ſecrets	7	thighs
9	ſhould	10	heart	10	bowel	10	loins	10	memb	9	hams
11	breaſt	12	bowel	12	reins	12	ſecret	12	thighs	11	knees
13	back	14	loins	14	loins	14	thighs	14	knees	13	ancles
15	belly	16	ſecrets	16	ſecrets	16	knees	16	ancles	15	feet
17	reins	18	hips	18	thighs	18	legs	18	feet	17	head
19	ſecrets	20	knees	20	knees	20	ancles	20	toes	19	neck
21	hips	22	hams	22	legs	22	feet	22	face	21	arms
23	thighs	24	ancles	24	toes	24	head	24	throat	23	breaſt
25	knees	26	feet	26	feet	26	throat	26	ſhould	25	back
27	legs	28	head	28	head	28	ſhould	28	breaſt	27	belly
29	feet			30	throat	30	ſtom.	30	back	29	reins
31	head										

D.	*July*	D.	*Aug.*	D.	*Sept.*	D.	*Octob.*	D	*Nov.*	D.	*Dec.*
2	ſecrets	1	thighs	2	legs	2	feet	1	head	1	neck
4	hips	3	knees	4	feet	4	head	3	neck	3	ſhould
6	thighs	5	legs	6	toes	6	neck	5	arms	5	breaſt
8	knees	7	ancles	8	face	8	arms	7	breaſt	7	back
10	legs	9	toes	10	throat	10	ſhould	9	heart	9	belly
12	feet	11	face	12	ſhould	12	breaſt	11	bowel	11	reins
14	head	13	neck	14	breaſt	14	heart	13	reins	13	ſecrets
16	neck	15	ſhould	16	heart	16	belly	15	ſecrets	15	hips
18	throat	17	breaſt	18	bowel	18	loins	17	memb	17	thighs
20	ſhould	19	heart	20	reins	20	ſecrets	19	thighs	19	knees
22	ſtom.	21	bowel	22	ſecrets	22	thighs	21	knees	21	ancles
24	heart	23	reins	24	thighs	24	knees	23	legs	23	feet
26	belly	25	loins	26	hams	26	legs	25	feet	25	head
28	loins	27	ſecrets	28	knees	28	ancles	27	toes	27	neck
30	ſecrets	29	thighs	30	legs	30	toes	29	head	29	throat
		31	knee							31	ſhould

A Table of Terms and Returns, for the Year of our Lord 1770.

Hilary Term begins *Jan.* 23, ends *Feb.* 12.

Returns or Eſſoign Days.		Exc.	Ret.	App.	W. D.
In eight Days of St. *Hilary*,	*Jan.* 20	21	22	23	*Tueſday*
From the Day of St. *Hilary* in 15 Days,	27	28	29	30	*Tueſday*
On the Morrow of Purif. of bl. V. *Mary*,	*Feb.* 3	4	5	6	*Tueſday*
In eight Days of the Purif. of bl. V. *Mary*,		5	10	11	12 *Monday*

Eaſter Term begins *May* 2, ends *May* 28.

From the Day of *Eaſter* in 15 Days,	*April* 29	30	*May* 1	2	*Wedneſ.*
From the Day of *Eaſter* in 3 Weeks,	*May* 6	7	8	9	*Wedneſ.*
From the Day of *Eaſter* in 1 Month,	13	14	15	16	*Wedneſ.*
From the Day of *Eaſter* in 5 Weeks,	20	21	22	23	*Wedneſ.*
On the Morrow of the Aſcenſion,	24	26	27	28	*Monday*

Trinity Term begins *June* 15, ends *July* 4.

On the Morrow of the holy *Trinity*,	*June* 11	12	13	15	*Friday.*
In eight Days of the holy *Trinity*,	17	18	19	20	*Wedneſ.*
From the Day of holy *Trinity* in 15 Days,	24	25	26	27	*Wedneſ.*
From the Day of holy *Trinity* in 3 Weeks,	*July* 1	2	3	4	*Wedneſ.*

Michaelmas Term begins *Nov.* 6, ends *Nov.* 28.

On the Morrow of *All Souls*,	*Nov.* 3	4	5	6	*Tueſday*
On the Morrow of St. *Martin*,	12	13	14	15	*Thurſd.*
In eight Days of St. *Martin*,	18	19	20	21	*Wedneſ.*
In fifteen Days of St. *Martin*,	25	26	27	28	*Wedneſ.*

N. B. No Sittings in *Weſtminſter-Hall* on *Aſcenſion*-Day, *Midſummer*-Day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except *Trinity*, before which it opens but four Days.

Note, That the firſt and laſt Days of every Term are the firſt and laſt Days of Appearance.

Unjuſt Deſires are unconfin'd, by law,
'Twas made to keep unruly men in awe;
'Tis phyſic for the body politic;
Lay law aſide, all quickly will grow ſick.
Uſe lawyers when you've need, but ſtudy quiet;
No wiſe man will make phyſic, daily diet.

January hath XXXI Days.

The Circles of the Sphere continued from my Laſt.

Six greater Circles mark you ſhall,
Which equally divide this Ball.
Juſt in the Midſt between the Poles
From Eaſt to Weſt the Equator rolles.

M D	♄ ☊	♃ ♌
1	℞	12
6	♋	13
11	29	14
16	29	15
21	28	16
26	28	17

M D	W D	Sundays and Remark. Days.	☉ D	♑ M	☽ D	♎ M	♂ ♌	♀ ♌	☿ ♑	Aſpects and Weather.
1	M	Circumciſion	11	14	29	2	16	21	6	The year
2	T	Oct. St. Stephen	12	15	11	♐ 34	17	22	8	begins with
3	W	Oct. St. John	13	16	24	21	17	23	9	good weather
4	T	Teleſphon	14	17	7	♈ 25	18	25	11	for the ſeaſon
5	F	Old Chriſt. Day	15	19	20	50	18	26	12	Rain or ſnow
6	S	Epiphany.	16	20	4	♉ 36	19	27	14	about this time
7	G	1 S. aft. Epiph.	17	21	18	45	20	28	16	☌ ☉ ☿ now
8	M	Plough Monday	18	22	3	♊ 15	21	29	17	more clear and
9	T	Capella South	19	23	18	6	22	♑	19	froſty air for
10	W	8 minutes paſt	20	24	3	♋ 10	23	2	21	ſome days, cold
11	T	10 at night	21	26	18	19	23	3	22	and winterly
12	F	Old N. Years' D.	22	27	3	♌ 24	24	4	24	wea- ☌ ☿ ♄
13	S	Hilary	23	28	18	13	25	6	26	ther ſtill conti-
14	G	2 S. aft. Epiph.	24	29	2	♍ 41	25	7	27	nues. Now
15	M	Cam. & Ox. T. b.	25	30	16	41	26	8	29	more clear and
16	T	Aldeberan South	26	31	0	♎ 13	27	10	♒	froſty air, no
17	W	34 min. paſt 8.	27	32	13	17	28	11	3	great altera-
18	T	Q. Ch. birth d. kt	28	33	25	56	28	12	5	tion as yet, very
19	F	St. Sulpice	29	34	8	♏ 13	29	13	7	temperate for
20	S	Fabian B. & Mar	0	♒ 35	20	20	♑	14	8	the ſeaſon,
21	G	3 S. aft. Epiph	1	36	2	♐ 13	1	15	9	windy and un-
22	M	Vincent	2	37	14	0	1	17	11	quiet weather
23	T	Term begins	3	38	25	46	2	18	13	about the new
24	W	Timotheus	4	39	7	♑ 35	3	19	15	moon. Rain or
25	T	St. Paul's conv.	5	40	19	28	4	21	17	ſnow with
26	F	Policarpus	6	41	1	♒ 29	4	22	19	variety
27	S	Chriſoſtom	7	42	13	49	5	23	21	☌ ♄ ♀
28	G	4 S. aft. Epiph.	8	43	26	5	6	25	23	of weather to
29	M	Carolus magn.	9	44	28	♓ 40	7	26	24	the month's
30	T	K. Ch. I. Mart.	10	45	1	25	7	27	26	end.
31	W	Saturnus	11	46	7	♈ 24	8	28	27	

Patridge. January 1770.

First Quarter 5th Day at 1 Morning.
Full Moon 11th Day at 5 Afternoon.
Laſt Quarter 18th Day at 6 at Night.
New Moon 26th Day at 11 Night.
1ſt Day ♄ S. at 13 18. ♂ at 10. 9. ☿ at 11. 39.
16 Day ♄ S. at 12. 8. ♂ at 9. 52. ☿ at 0. 22.

M D	*Jupiter* South		*Venus* South	
1	21	50	10	31
6	21	31	10	36
11	21	20	10	39
16	20	58	10	47
21	20	39	10	53
26	20	25	10	59

M D	Lunar Aſpects. ☉	♄	♅	♂	♀	☿	Clock toofaſt	Moon South	☽ riſe ſets.
1					7		5 35	3 14	8A55
2	*		□	□	□	*	5 44	3 58	10 5
3	1	△	1	10	21	19	5 52	4 42	11 16
4	□	10	△	△		□	5 59	5 28	Morn.
5	13	□	9	20	△	8	6 15	6 17	0 30
6	△	14			9	△	6 35	7 10	1 46
7	22	*				20	6 57	8 9	3 3
8		14	8				7 22	9 6	4 22
9			16	8	8		7 47	10 8	5 23
10				6	22		8 12	11 12	6 33
11	8	6				8	8 36	Morn.	☽ riſe
12	5	14	△			6	8 59	0 13	5A40
13			18	△			9 22	1 10	7 4
14			□	12	△		9 44	2 4	8 26
15	△	*	22	□	8		10 5	2 54	9 44
16	16	20		16	□	△	10 25	3 42	10 57
17			*		20	0	10 45	4 28	Morn.
18	□	□	5	*		□	11 4	5 17	0 9
19	6	11		4	*	22	11 23	5 58	1 19
20	*	△			9		11 41	6 45	2 25
21	23	16				*	11 58	7 32	3 27
22			6			18	12 14	8 21	4 25
23			4	6			12 29	9 11	5 15
24				12			12 43	9 59	5 56
25		8			6		12 57	10 46	6 31
26	6	16			4		13 10	11 32	☽ ſets
27	11		*			6	13 23	0 19	5A25
28			4	*		18	13 35	1 4	6 36
29			□	22			13 46	1 48	7 45
30		△	16	*	*		13 56	2 32	8 51
31	*	14	△	10	10		14 4	3 17	10 0

Obſervations.

It this Year 1770 begins calmly, and ſereneiy, it will be very well. Sundry reports are ſpread abroad concerning thoſe countries and places in the world under Aries and Cancer, and ſome material actions ſeemed declared to be in agitation in ſome eaſtern countries France, Denmark, Germany, England, and Ruſſia are ſomewhat concerned by the preſent configuration of the ſtars, whoſe public affairs are variouſly diſcourſed of. Controverſies and debates are now in many parts of Europe. A foul deſign is diſcovered; let the agents look to it.

February hath XXVIII. Days.

The Ecliptic cuts him; and doth ſlide
Scarce twenty-four Degrees aſide.
Horiſon, even with the Ground,
From Stars below our Sight doth bound.
Meridian upright doth riſe,
Parting the Eaſt and Weſtern Skies.

M D	☽ ♒	♄ ♒	♅ ♑
1	28	18
6	27	19
11	27	19
16	26	20
21	26	21
26	26	22

M D	W D	Sundays and Remark. Days.	☉ ♒ D	M	☽ ♈ D	M	♂ ♑	♀ ♑	♄ ♒	Aſpects and Weather.
1	T	Ignatius	12	47	17	36	9	29	28	
2	F	Purif. V. Mary	13	48	1	8	10	♒	♓	*Overcaſt and*
3	S	Blaſius Biſhop	14	48	14	41	10	2	2	*variable wea-*
4	G	5 Sun. aft. Eph.	15	48	28	37	11	3	3	*ther cloudy air*
5	M	St. Agathe	16	49	12	♊ 49	12	4	4	*for ſome days*
6	T	St. Vaaſt	17	50	27	17	13	5	5	*Now more clear*
7	W	Twilight 2 hours	18	51	11	♋ 57	13	7	7	✶ ☉ ♅ *and*
8	T	Procyon ſouth	19	52	26	45	14	8	8	*froſty air for*
9	F	20 min. paſt 10	20	53	11	♌ 33	15	9	9	*ſeveral days.*
10	S	St. Severin	21	54	26	13	15	11	10	*Windy and*
11	G	Septuag. Sun.	22	54	10	♍ 37	16	12	10	*mixt weather,*
12	M	Term ends	23	55	24	37	17	13	11	*but generally*
13	T	C. Candle. Day	24	55	8	♎ 12	18	15	11	*fair and froſty*
14	W	Valentine	25	56	21	19	18	16	12	*air, temperate*
15	T	Sirius South	26	57	4	♏ 2	19	17	12	*and mild for the*
16	F	8 min. paſt 7	27	57	19	23	20	18	℞	✶ ♅ ♀ *ſeaſon.*
17	S	Oneſimus	28	58	28	29	21	19	12	*Little or no al-*
18	G	Sexageſ. Sun.	29	58	10	♐ 23	22	21	12	*teration for the*
19	M	Twil. 1 h. 57′	0	♓ 58	22	12	22	22	11	*preſent, air pro-*
20	T	Severian	1	58	3	♑ 59	23	23	10	*ducing* ♂ ☉ ☿
21	W	Simeon	2	59	15	50	24	24	9	*rain* ☽ ♄ ♂ *or*
22	T	Cath. Petri	3	59	27	50	25	26	8	*ſnow, windy*
23	F	Policarpus	4	59	10	♒ 1	25	27	7	*and winterly*
24	S	St. Matthias	5	59	22	25	26	29	6	*weather*
25	G	Shrove Sunday	6	59	5	♓ 4	27	♓	5	♂ ♀ ☿ *to the*
26	M	Miligitha	8	0	17	57	27	1	4	*month's ena*
27	T	Shrove Tueſday	9	0	1	♈ 5	28	2	3	
28	W	Aſh Wedneſday	10	0	14	24	29	3	2	

Partridge. February 1770.

M D	*Jupiter* South		*Venus* South	
First Quarter 3d Day at Noon.	1	20 4	11	6
Full Moon 10th Day at 4 Morning.	6	19 46	11	12
Laſt Quarter 17th Day at 1 Afternoon	11	19 30	11	16
New Moon 25th Day at 5 Afternoon.	16	19 15	11	24
ſt Day ♄ S. at 10.55. ♂ at 21.37. ☿ at 1. 2.	21	18 55	11	30
6 Day ♄ S. at 9.52. ♂ at 21.26 ☿ at 0.47.	26	18 42	11	33

M	Lunar Aſpects						Clock too faſt	Moon South	☽ riſe ſets.	Obſervations.
☽	☉	♄	♃	♂	♀	☿				
1	14	□	△	6		*	14 11	4 5	11 A 24	Noble ſouls! You
2		18	o	△	□	23	14 18	4 56	Morn.	that have been long
3	□	*		16	o		14 24	5 50	o 41	toſſed upon the
4	o	22			△	□	14 29	6 47	1 56	waves of trouble, and
5	△		8		9	8	14 34	7 46	3 7	have born up againſt
6	7		12			△	14 38	8 47	4 12	the fury of the times.
7				8		11	14 42	9 48	5 3	Take courage, the
8		6		2	8		14 44	10 46	5 45	time is coming that
9	8	1	△		20		14 45	11 42	6 17	your conſtancy and
10	16		14				14 46	Morn	☽ riſe	ſervices will be both
11			□	△		8	14 46	0 35	7 A 10	valued and reward-
12		*	14	12		o	14 45	1 26	8 29	ed. The influences
13		3	*	□	△		14 43	2 14	9 44	of the laſt month's
14	△	□	22	19	12		14 40	3 2	10 57	configurations ap-
15	9	8				△	14 38	3 49	Morn	pear in this. And
16		△		*	□	16	14 36	4 37	o 5	perſons and places
17	□	20		8	4		14 30	5 25	1 11	under Cancer will
18	1		6			□	14 22	6 15	2 11	feel the effects. The
19	*		22		*	4	14 18	7 53	3 5	wind never ſits al-
20	20				o	*	14 12	7 1	3 51	ways in one corner;
21		8		6		12	14 5	8 39	4 28	which maxim ought
22		20		16			13 57	9 26	4 59	to teach us modera-
23							13 49	10 12	5 25	tion towards our
24			*		6		13 40	ſo 58	5 49	equals, and obedi
25	6		o	12	6		13 19	11 3	☽ ſets	ence towards our ſu-
26	5	△	□	*		o	13 8	0 30	6 A 45	puriors. Secret ac-
27		14	8	15			13 8	1 16	7 59	tions are brought to
28			△				12 8	2 4	9 14	light, and the actors
							12 56			of them rewarded
										according to their
										merit, *Fiat Juſtitia.*

March hath XXXI Days.

Two Colours through the Poles do run,
Quartering the Circle of the Sun,
One where the Spring and fall begin,
The other where longeſt Days come in:
Four leſſer Circles, mark them well,
Are to the Equator Parallel.

M D	♄ ♋	♃ ♐
1	26	22
6	26	23
11	25	23
16	25	23
21	25	24
26	25	24

M D	W D	Sundays and Remark Days.	☉ ♓ D	☽ ♈ D M	☽ ♈ D M	♂ ♑	♀ ♓	☿ ♓	Aſpects and Weather
1	T	David A.B.Mar.	11	0	27 54	29	5	1	*Unſettled and*
2	F	Chad. Bp.Litch.	12	0	11 ♉ 33	♒	6	♒	*variable wea-*
3	S	Marianus	13	1	25 20	1	7	29	*ther, and ſtorms*
4	G	1 Sun. in Lent.	14	1	9 ♊ 15	2	8	28	*rain or hail;*
5	M	Prs. Heſſe born	15	1	21 19	3	9	28	*more mild for*
6	T	Perpetua	16	1	7 ♋ 30	3	10	28	*the ſeaſon.*
7	W	Ember Week	17	0	21 47	4	12	27	*Winds and*
8	T	Regulus South	18	0	6 ♌ 9	5	13	27	*ſtorms about or*
9	F	40 min. paſt 10	19	0	20 31	6	14	D	*at the full moon*
10	S	Hydra's heart	20	0	4 ♍ 46	7	16	27	*Briſk winds*
11	G	2 Sun. in Lent	21	0	18 50	7	17	27	*and clear air,*
12	M	Gregory M. B.	22	0	2 ♎ 36	8	18	28	*with* □ ☉ ♃
13	T	South 40 min.	23	0	16 1	9	20	28	*froſty mornings*
14	W	paſt 9 at Night	23	59	29 7	10	21	28	*Now, at diſ-*
15	T	Cor Leonis South	24	58	11 ♍ 47	11	22	29	*ferent* △ ☉ ♄
16	F	40 min. paſt 10	25	58	24 8	11	23	29	*times,* □ ♃ ♀
17	S	St. Patrick	26	58	6 ♐ 14	12	25	♓	*muffled ſky and*
18	G	3 Sund. in Lent	27	57	18 8	12	26	1	*again clear and*
19	M	Joſephus	28	57	0 ♑ 0	13	27	2	*ſerene, but ge-*
20	T	Joachim	29	56	11 48	14	28	2	*nerally fair,*
21	W	Benedict Abbot	0 ♈	56	23 42	15	29	3	*with morning*
22	T	Alphrodoſius	1	55	5 ♒ 46	16	♈	4	*froſts. Winds*
23	F	Victoria	2	54	18 2	16	2	5	*producing*
24	S	Marcus	3	54	0 ♓ 35	17	3	6	Lady Day
25	G	Midlent Sund.	4	53	13 28	18	5	7	*ſtorms of rain*
26	M	Caſtulus	5	53	26 39	19	6	8	♂ ☉ ♀ *or hail*
27	T	Daneb ſouth	6	52	10 ♈ 8	19	7	9	*unſettled wea-*
28	W	near 11 at night	7	51	23 51	20	8	11	*till the new*
29	T	Cyrillus	8	50	7 ♉ 46	20	9	12	*moon; good*
30	F	Guido	9	49	21 49	21	10	13	*weather for*
31	S	Balbina	10	48	5 ♊ 56	22	12	15	*farmers.*

Partridge. March 1770.

M D	*Jupiter* South	*Venus* South
1	18 33	11 38
6	18 15	11 43
11	18 6	11 46
16	17 44	11 53
21	17 26	11 57
26	17 10	0 1

First Quarter 4th Day at 9 Night
Full Moon 11th Day at 4 Afternoon.
Laft Quarter 19th Day at 10 Morning.
New Moon 27th Day at 6 in Morning.
1ſt Day ♄ S. at 9. 0. ♂ at 21. 19. ☿ at 11. 17.
16 Day ♄ S. at 8. 2. ♂ at 21. 10. ☿ at 10. 19

M D	Lunar Aſpects. ☉	♄	♃	♂	♀	☿	Clock toofaſt	Moon ſouth	☽ riſe ſets.	Obſervations.
1			12	□	✱	✱	12 44	2 54	10 31	Here is great hopes
2	✱			3	12	6	12 32	3 47	11 47	of bringing matters
3	1	✱		△	□	□	12 19	4 43	Morn	and things of differ-
4	□	2		11	22	8	12 6	5 41	0 59	ence into an order-
5	9		8		△		11 52	6 39	1 59	ly compoſure.
6	△		4		△	12	11 38	7 39	3 0	On the 5th of this
7	16	♂		8	5		11 23	8 38	3 44	month, 1722, was
8		7		22			11 8	9 33	4 18	born the Princeſs of
9			△			8	10 53	10 27	4 47	*Heſſe.*
10			4		8	11	10 37	11 18	5 13	
11	8	✱	□		21		10 21	Morn.	☽ riſe	And here ſeems
12	4	12	8	△			10 5	0 7	7 A 23	to be ſome in-
13		□	✱	11		△	9 48	0 56	8 38	clinations in the
14		16	13	□		23	9 31	1 44	9 51	governors of thoſe
15				22	△		9 13	2 33	10 59	countries under
16	△	△			22	□	8 55	3 23	Morn	Aires to treat in or-
17	3	2		✱		11	8 37	4 12	0 3	der to concord and
18	□		♂	12	□		8 19	5 1	1 0	ſettlement. Great
19	22		12		16	✱	8 1	5 49	1 48	are the endeavours of
20						4	7 43	6 38	2 30	diverſe ſtates: men
21	✱	8			✱		7 24	7 26	3 5	both *pro* and *con.*
22	19	2		♂	10		7 5	8 12	3 33	Some great clergy-
23			✱	19			6 46	8 59	4 0	man falls under the
24			12			♂	6 28	9 44	4 20	frowns of his prince,
25		△	□		9	6	9	10 29	4 40	for being too fluent
26	♂	21	19		♂		5 40	11 14	5 1	of his tongue, or too
27	18			✱	18		5 31	0 5	☽ ſets	diligent with his
28		□	△	16			5 13	0 56	8 A 22	pen; but time will
29		2	1	□		✱	4 54	1 50	9 40	ſhow what ſome men
30		✱		23		8	4 36	2 46	10 58	have only ſecretly
31	✱	6			✱	□	4 16	3 44	Morn.	thought.

April hath XXX Days.

Two Tropics bound the Sun's high Way,
Shewing the longeſt and ſhorteſt Day.
The Arctic Circle cuts the Bears,
The Antarctic oppoſite appears.
Meridians Half Twenty-four
For Hours, and for Degrees nine Score,

M D	♄ ♑	♅ ♐
1	25	24
6	♑	24
11	25	℞
16	26	24
21	26	24
26	26	24

M D	W D	Sundays and Remark. Days.	☉ ♈ D M	☽ ♊ D M	♂ ♒	♀ ♈	☿ ♓	Aſpects and Weather.
1	G	Paſſion Sunday	11 47	20 4	23	13	16	*Winds and*
2	M	Amphion	12 46	4♋13	24	14	17	✱ ♅ ♂ *ſtorms*
3	T	Pencratius	13 45	18 20	25	15	19	*of rain or hail.*
4	W	St. Ambroſius	14 44	2♌25	26	17	20	*Good weather*
5	T	Old Lady D.	15 43	16 26	26	18	21	*for the ſeaſon.*
6	F	Chriſtus	16 42	0♍22	27	19	23	☊ ♅ ☿ *Briſk*
7	S	Ca.&Ox.T.end	17 41	14 10	28	21	24	♎ ♄ ☿ *winds*
8	G	Palm Sunday	18 40	27 48	29	22	25	*and ſhowers*
9	M	Daneb ſouth	19 39	11♎11	29	23	27	♎ ♅ ♀ *Show-*
10	T	near 11 at night	20 38	24 23	♓	24	29	*ery* ☊ ♄ ♀
11	W	Julius	21 36	7♏ 7	1	26	♈	*weather ſtill*
12	T	Maundy Thurſ.	22 35	19 40	2	27	2	*continues plea-*
13	F	Good Friday	23 34	1♐56	3	28	4	*ſant wea-* ♎
14	S	Spica Virginis	24 32	14 1	4	29	5	☉ ♅ *ther for*
15	G	Eaſter Sun.	25 31	25 56	5	♉	7	☊ ☉ ♄ *ſome*
16	M	Eaſter Monday	26 30	7♑46	5	2	9	*days, cloudy*
17	T	Eaſter Tueſday	27 28	19 37	6	3	10	*about this time.*
18	W	South midnight	28 27	1♒29	6	4	12	*Winds and*
19	T	Alphage	29 25	13 24	7	6	14	*clouds, fair and*
20	F	Sulpitius	0♉23	25 51	8	7	16	*temperate*
21	S	Timon	1 22	8♓29	9	8	18	✱ ♂ ♀ *fine*
22	G	Low Sunday	2 20	21 26	9	9	20	*ſpringing*
23	M	St. George	3 19	4♈47	10	10	22	*ſhowers. At*
24	T	Saba Mart.	4 17	18 30	11	12	24	*or about the*
25	W	St. Mark Evang.	5 15	2♉33	11	13	26	*new moon va-*
26	T	St. Anaclet	6 13	16 53	12	14	28	*riable and un-*
27	F	Walburga	7 12	1♊33	13	15	♉	*conſtant wea-*
28	S	Vitalis	8 10	15 57	14	17	2	*ther to the end*
29		[illegible] Eaſter	9 8	0♋29	14	18	4	*of the month.*
30	M	Jacobus	10 6	14 56	15	19	6	

Partridge. April 1770.

First Quarter 3d Day at 4 Morning.
Full Moon 10th Day at 5 Morning.
Last Quarter 18th Day at 5 Morning.
New Moon 25th Day at 5 Afternoon.
1st Day ♄ S. at 7. 5. ♂ at 21. 1. ☿ at 10. 27.
16 Day ♄ S. at 6. 11. ♂ at 20. 50. ☿ at 10. 58

M D	*Jupiter* South		*Venus* South	
1	16	49	0	7
6	16	32	0	11
11	16	20	0	15
16	15	55	0	22
21	15	35	0	27
26	15	16	0	32

M	Lunar Aspects.						Clock	Moon	☽ rise	Observations.
D	☉	♄	♅	♂	♀	☿	too fast	South	sets.	
1	8		8	△	10	18	3 55	4 43	0 9	Religion is the beſt
2	□		7	5	□		3 41	5 42	1 3	ground of a fami-
3	17	6			18	△	3 23	6 41	1 50	liar ſociety, but the
4	△	14				1	3 5	7 36	2 28	greateſt profeſſors
5	23		△	8	△		2 47	8 28	2 58	thereof are ſubject to
6			14	14	3		2 30	9 19	3 24	differ among them-
7		*	□			8	2 12	10 8	3 47	ſelves, and raiſe un-
8		18	18			15	1 54	10 56	4 9	neceſſary controver-
9	8						1 37	11 45	4 30	ſies about this time,
10	17	□	*	△	8		1 20	Morn	☽ riſe	as the ſquares of ♃
11		0	0	11	1		1 3	0 33	8 49	and ☿, and of ♄
12		△					0 47	1 22	9 55	and ♀ ſeem to im-
13		9		□		△	0 31	2 11	10 58	port abundance of
14	△		6	2		5	0 15	3 1	11 49	intelligence arrives
15	23		21	*	△		ſlow 1	3 50	Morn	from moſt parts of
16				18	12	□	0 16	4 39	0 34	Europe this month.
17	□	8				2	0 30	5 27	1 10	God direct our go-
18	17	12			□		0 43	6 13	1 40	vernors in their great
19			*		6	*	0 57	6 58	2 7	and ſerious councils,
20	*		20	6		2	1 10	7 43	2 28	and compoſe domeſ-
21	8			23	*		1 23	8 29	2 50	tick diviſions which
22		△	□		0		1 36	9 14	3 10	now ſeem to be
23		10	3				1 49	10 0	3 31	ſtrongly aggravated
24		□	△			6	2 1	10 49	3 53	Some ſome ſober and
25	6	14	11	*	6	14	2 12	11 39	☽ ſets	deliberate councils
26	5	*		14	18		2 22	0 41	8 42	are now carried on,
27		15		□			2 32	1 41	9 58	and we hope to
28			8	20			2 41	2 42	11 2	ſome good pur-
29	*		13			*	2 51	3 43	11 54	poſe.
30	16	6		△	*	5	3 0	4 43	Morn	

May hath XXXI. Days.

Through both the Poles of the World do pass,
And the Equinoctial downright cross.
And nine Score Parallels hath that Line,
By which Stars North and South decline;
The Ecliptic hath his Longitudes
And Parallels of Latitudes.

M D	♄ ♋	♅ ♍
1	S	24
6	7	23
11	7	23
16	27	23
21	28	22
26	28	21

M D	W D	Sundays and Remark. Days.	☉ D	☿ M	☽ D	♋ M	♂ ♈	♀ ☿	☿ ☿	Aspects and Weather.
1	T	St. Phil. & James	11	4	29	11	16	20	8	*Fine spring-*
2	W	St. Athanasius	12	2	13	♌ 17	17	21	10	Term begins
3	T	Inventio Crucis	13	1	27	9	18	22	12	*ing* ☌ ☉ ☿
4	F	Spica Virginis	13	59	10	♍ 49	18	24	14	*weather with*
5	S	S. 12 Min. past 10	14	57	24	16	19	25	16	*fruitful show-*
6	G	☽ S. aft. Easter	15	56	7	♎ 28	20	26	18	*ers of rain.*
7	M	Stanislaus	16	53	20	27	21	28	21	*Winds bring-*
8	T	Victoris	17	59	3	♍ 12	22	29	23	*ing* ✶ ♂ ☿
9	W	Herma.	18	48	15	43	23	♊	25	*showers, thun-*
10	T	Gordianus	19	46	28	2	24	1	27	*der and* ♊ ♃
11	F	Mamercius	20	44	10	♐ 11	24	2	29	☌ *lightenings*
12	S	Old May-Day	21	42	22	9	25	3	♊	*at or about the*
13	G	☽ Sun. aft. Easter	22	40	4	♑ 3	25	5	4	*full Moon.*
14	M	Arcturus South	23	38	15	51	26	6	6	*Breezes of*
15	T	10 Min. past 10	24	35	27	42	27	7	8	*wind, with*
16	W	at night	25	33	9	♒ 36	28	9	10	*gentle show-*
17	T	St. Honore	26	31	21	39	29	10	11	☌ ☿ ☿ *ers of*
18	F	Bernard transla.	27	28	3	♓ 56	29	11	13	*rain. Fair and*
19	S	Q. Charlotte bo.	28	26	16	31	♈	12	15	*pleasant wea-*
20	G	Rogation Sund.	29	24	29	28	1	14	17	*ther* ✶ ☉ ♄
21	M	Helena	♊	21	12	♈ 47	2	15	19	*Dark and close*
22	T	Adelmus	1	19	26	35	2	16	21	*air, but soon*
23	W	Desiderius	2	17	10	♉ 47	3	17	22	*clear again.*
24	T	Ascension Day	3	14	25	21	4	18	23	*Pleasant wea-*
25	F	Urban	4	12	10	♊ 12	4	20	25	*ther for some*
26	S	St. Augustine	5	9	25	10	5	21	27	*days. Fine plea-*
27	G	☽ S. aft. Easter	6	7	10	♋ 8	6	22	29	*sant* ✶ ☉ ☌
28	M	No real Night	7	4	24	58	7	23	♋	Term ends
29	T	K. C. II. b. & rest	8	1	9	♌ 32	7	24	1	*showers about*
30	W	but all twilight	8	59	23	48	8	25	2	*the new moon.*
31	T	Wigand	9	57	7	♍ 42	9	27	3	

Partridge, May 1770.

First Quarter 2d Day at 10 Morning.
Full Moon 9th Day at 7 Afternoon.
Laſt Quarter 17th Day at 10 at Night.
New Moon 25th Day at 1 Morning.
Firſt Quarter 31ſt Day, at 4 Afternoon.
1ſt Day ♄ s 5.18. ♂ at 20.36. ☿ 11.49.

M D	*Jupiter* ſouth		*Venus* ſouth	
1	14	56	0	37
6	14	36	0	42
11	14	23	0	48
16	13	53	0	55
21	13	30	1	2
26	13	11	1	7

M D	Lunar Aſpects. ☉	♄	♅	♂	♀	☿	Clock tooſlow	Moon South	☽ riſes & ſets	Obſervations.
1	□	18		2	8	□	3 8	5 38	0 36	This Month
2	22		△		□	18	3 16	6 31	1 8	ſhould be of much
3			18		12		3 23	7 22	1 34	Action, for many
4	△			8		△	3 27	8 10	1 58	and various are
5	5	*	□	12	△	6	3 35	8 57	2 19	the Configurati
6		12	0		1		3 40	9 44	2 39	ons thereof, Tur-
7		□	*				3 45	10 31	3 1	key, Tartary,
8		12	6				3 49	11 18	3 26	Muſcovy, Poland,
9	8	△		△		8	3 53	Morn.	☽ riſe.	Bohemia, Weſt-
10	7	22		14	8	22	3 56	0 04	8A48	phalia, &c. are
11					6		3 58	0 24	9 46	not idle. It is
12			6	□			4 0	1 40	10 43	now Time for
13			2	6			4 1	2 36	11 10	thoſe People to
14	△						4 2	3 22	11 45	look about them,
15	18	8		*			4 2	4 14	Morn.	and cry out, Arms,
16		0		0	△	△	4 1	4 57	0 12	Arms, &c. Some
17	□		*		0	0	4 0	5 43	0 34	Places in Italy are
18	10		3		□	□	3 58	6 21	0 55	in deep Conſulta
19		△	□		15	22	3 55	7 37	1 16	The 19th of this
20	*	20	12	6			3 51	7 55	1 37	Month 1744, was
21	0		△	2	*	*	3 47	8 41	1 57	born our graci-
22		□	18		4	12	3 43	9 26	2 20	ous Queen *Char-*
23		3					3 38	10 30	2 48	*lotte*, whom God
24	6	*		*			3 33	11 32	3 25	long preſerve for
25	13	7	8	15	6		3 27	0 26	☽ ſets	the good of the
26			20	□	16	6	3 21	1 30	9A40	Proteſtant Religi-
27				16		3	3 14	2 32	10 32	on in *Great Britain*
28	*	6		△			3 7	3 31	11 8	in particular, &c
29	21	6	△	22			2 59	4 26	11 38	tion. Some mu
30			19		*	*	2 51	5 18	Morn.	tiny, and other
31	□		□		2	18	2 41	6 8	0 3	ſtrange Actions.

June hath XXX Days.

For Stats: But in Geography
The Towns beside the Equator lie;
Over our Head, and under Feet,
The nineſcore Azimuths do meet.
And here as many Parallels
Of Altitude Horizon tells.

M D	♄	♅
1	29	21
6	29	20
11	29	20
16	☊	19
21	1	18
26	1	18

M D	W D	Sundays and Remark. days	☉ ♊ ° ′	☽ ♎ ° ′	☿ ♈	♀ ♊	♂ ♌	♃ ♎	♄ ♑	Aſpects & Weather.
1	F	Nicodeme	10 54	21 16	10	28	5			*As the laſt*
2	S	Marcellus	11 52	4 ♎ 30	10	29	6			*Month ended*
3	G	Whit ſunday	12 49	17 26	11	♑	7			*ſo this begins.*
4	M	Whit-monday	13 46	0 ♏ 36	12	2	8			*Briſk Winds,*
5	T	Whit-tueſday	14 44	12 33	13	3	9			*with gentle*
6	W	Ember Week	15 41	24 49	14	4	10			*Showers.*
7	T	Flavia.	16 38	6 ♐ 54	14	6	10			*Pleaſant Air*
8	F	St. Medard	17 36	18 49	15	7	11			*flying Clouds,*
9	S	Omphirius	18 33	9 ♑ 46	16	8	12			*moſtly warm.*
10	G	Trinity Sund.	19 30	12 24	16	9	12	☿ ☉ ♃		*gen.*
11	M	Prs. Amelia b.	20 28	24 25	17	10	13	St. Barnab.		
12	T	Atair So. at 15m	21 25	6 ♒ 16	18	11	13	△ ♃ ♂		*tle*
13	W	paſt 2 Morn.	22 22	18 3	19	13	14	♂ ♀ ☿		*Breezes, Showers*
31 14	T	Corpus Chriſti	23 20	☉ ♓ 17	20	14	14			
15	F	Term begins	24 17	12 32	20	15	14			*of Rain. Sun-*
16	S	St. Ferrol	25 14	25 6	21	17	14			*ſhiny & plea-*
17	G	1 Sund. aft. Trinity	26 11	7 ♈ 57	22	18	℞			*ſant for ſome*
18	M	St. Marine.	27 9	21 12	22	19	14			*Days. Cloudy*
19	T	Scorp. heart S.	28 6	4 ♉ 53	23	20	14			*and warm, in-*
20	W	30 m. paſt 9. at	29 3	19 2	24	21	14			*termixt with*
21	T	Night.	☉ ♋ 0	3 ♊ 36	25	22	14			*Showers of*
22	F	Demetrius.	0 58	18 34	25	24	14	□ ♂ ♀		*Rain*
23	S	Agrippina.	1 55	3 ♋ 56	26	25	13			*at the new*
24	G	2 Sund. aft. Tr.	2 52	19 3	27	26	13	St. John Bap.		
25	M	St. Agoard	3 49	4 ♌ 9	27	28	13			*Moon. Now*
26	T	Levinus	4 46	18 56	28	29	12			*more fair and*
27	W	Crescens. Then.	5 44	4 ♍ 31	28	☊	12			*gentle Show-*
28	T	Leo	6 41	17 37	29	1	11	♂ ♄ ♀		*ers of*
29	F	St. Peter & Paul.	7 38	1 ♎ 13	29	2	10			*of Rain, and*
30	S	Com. Pauli	8 35	14 25	♉	3	9	♂ ☉ ☿		*Wind.*

Partridge, June 1770.

Full Moon the 8th Day at 10 Morning
Last Quarter the 16th Day at Noon.
New Moon the 23d Day at 9 Morning.
First Quarter the 30th Day at 1 Morning.
1st Day ♄ ☌ at 3 26. ♂ 19.56. ☿ 1.43.
16th Day ♄ ☍ at 2.32. ♂ 19.38. ☿ 1.10.

M D	Jupiter South		Venus South	
1	12	40	1	15
6	12	15	1	20
11	11	55	1	28
16	11	30	1	34
21	11	5	1	38
26	10	45	1	40

M D	Lunar Aspects ☉	♄	♅	♂	♀	☿	Clock too slow	Moon South	☽ rise & sets
1	4	✱	23		□		2 38	6 55	0 25
2	△	16		8	13	□	2 32	7 42	0 45
3	46	□	✱	12		3	2 25	8 28	1 5
4		22	6		△	△	2 15	9 15	1 29
5					3	14	2 5	10 3	1 55
6		△					1 54	10 52	2 26
7	8	10		△			1 43	11 40	3 2
8	22		6	12			1 32	Morn.	☽ rise.
9			2		8		1 21	0 30	9A 8
10				□	14	8	1 9	1 18	9 43
11		8		8		☌	0 57	2 4	10 12
12		10					0 49	2 49	10 36
13	△		✱	✱			0 33	3 33	10 58
14	8		2	2			0 29	4 16	11 16
15			□		△	△	0 9	4 59	11 35
16	□	△	12		5	4	fast 4	5 43	11 56
17	0	10	△		□	□	0 17	6 28	Morn.
18	✱	□	20	6	20	12	0 29	7 16	0 16
19	12	13		2		✱	0 42	8 6	0 42
20		✱			✱	16	0 55	9 1	1 14
21		20			4		1 8	10 0	1 54
22	6		8	✱			1 21	11 3	2 46
23	21		0	12		6	1 33	0 8	☽ sets
24		6		□	6	16	1 46	1 10	8A59
25		18		12	12		1 59	2 9	9 33
26			△	△			2 12	3 4	10 0
27	✱		0	18		✱	2 25	3 57	10 23
28	3		□			15	2 37	4 47	10 45
29	□	✱	1		✱	□	2 49	5 36	11 7
30	13	0	✱		1	16	3 1	6 31	11 29

Observations.

Vivat Rex et Regina.

The 4th Day of this Month, 1738 was born his present most gracious Royal Majesty King GEORGE III. whom God preserve and bless with Grace, Wisdom and Understanding, & grant that he may long preside over these Realms, to the Honour & Glory of God, and true Happiness of all his loyal Subjects, to which let all true Protestants & Subjects say *Amen*

The 10th of this Month 1711, was born the hopeful Princess *Amelia-Sophia*, 2d Daughter to his late Majesty King *George* the Second.

July hath XXXI Days.

Longitudes and Meridians all,
And Azimuths, great Circles call.
But all their Parallels in Heav'n,
Being lesser, cut the Globe uneven,
Degrees three hundred and three score,
Hath every Circle, and no more. Finis.

M D	♄ ♌	♃ ♐
1	2	17
6	3	16
11	3	16
16	4	16
21	5	15
26	5	15

M D	W D	Sundays and Remark. Days	☉ °	☽ ′	☽ °	☽ ′	☿ ♉	♀ ♌	♂ ♏	Aspects and Weather.
1	G	3 Sund. af. Tr.	9	32	27	13	1	5	9	*Thunder and*
2	M	Visit.B V.Mary	10	30	9♍	43	2	6	8	□ ♄ ♂
3	T	Cam. commen	11	27	21	58	3	7	8	*Showers may*
4	W	Term ends.	12	24	4♐	2	4	9	7	*be expected.*
5	T	O.Midsum.Day	13	21	15	59	4	10	7	*Now more*
6	F	Nicrostratas	14	18	27	50	5	11	6	*fair and clear*
7	S	Tho. a Becket	15	16	9♑	39	6	12	6	*for some Days.*
8	G	4 Sund. af. Tr.	16	13	21	29	6	13	6	*Good Weather*
9	M	Cyrillus	17	10	3♒	20	7	14	5	*still continues.*
10	T	7 Fratres Mart.	18	7	15	16	8	16	5	△ ♃ ☿ *Now*
11	W	St. Benoir.	19	5	27	18	8	17	5	*make your Hay*
12	T	Mildreda	20	2	9♓	27	9	18	5	*while the Sun*
13	F	Bonaventure	20	59	21	47	10	19	D	*shines, for a*
14	S	Nabor Fel.	21	56	4♈	20	10	21	5	*Day's Waste*
15	G	5 Sund. aft. Tr	22	54	17	10	11	22	5	*may be a*
16	M	Atair South near	23	51	0♉	19	12	23	6	*Pound's Loss.*
17	T	Midnight.	24	48	13	51	12	24	6	*Brisk Winds,*
18	W	St. Thomas Aq.	25	45	27	47	13	25	7	*with Showers*
19	T	Faustulus.	26	43	12♊	12	14	27	7	*of Hail or*
20	F	MargaretV&M.	27	40	26	58	14	28	8	*Rain. Cool*
21	S	Peg. vad	28	37	12♋	5	15	29	9	*and cloudy for*
22	G	6 Sund. aft. Tr.	29	35	27	22	16	℞	10	☌. Denm. ♄
23	M	St. Appollinaire	0♌	32	12♌	38	16	2	11	*some Days.*
24	T	Christiana	1	29	27	41	17	3	12	*Expect some*
25	W	St. James Ap.	2	26	12♍	21	18	4	13	*Showers at*
26	T	St. Anne, v.m.b.	3	24	26	37	18	5	14	*the new Moon.*
27	F	St. George, &c.	4	21	10♎	20	19	6	15	*Showers and*
28	S	St. Joachim.	5	19	23	35	20	7	17	♂ ☉ ♄
29	G	7 Sun. aft. Tr.	6	16	6♏	23	21	8	18	*dark Air, to*
30	M	Dog Days beg.	7	13	18	51	21	9	20	*the End.*
31	T	Fabius	8	11	1♐	0	22	11	22	✶ ♂ ☿

Partridge, July 1770.

Full Moon the 7th Day at Midnight.
Laſt Quarter the 15th Day at 11 at Night.
New Moon the 22d Day at 4 Afternoon
Firſt Quarter the 29th Day at Noon.
1ſt Day ♄ s. 1.37. ♂ 19.16♑ ☿ 11.57.
16th Day ♄ s ar0.43. ♂ 18.56. ☿ 10.41.

M D	Jupiter ſouth		Venus ſouth.	
1	10	20	1	49
6	9	55	1	53
11	9	37	1	58
16	9	13	2	1
21	8	49	2	4
26	8	30	2	6

M D	Lunar Aſpects. ☉	♄	♅	♂	♀	☿	Clock too faſt	Moon South	☽ riſe & ſets	Obſervations.
1		□		8	□	△	3 13	7 8	11 53	This Month is uſhered in with the Square of the Infortunes from fixed Signs. Let us patiently wait for the Effects of it, which may be ſudden and various when leaſt expected in Things relating to the Macrocoſm, both as to great Councils, and Affairs of Nations. Thoſe Countries under Taurus and Leo will feel the Effects of War. The Grand Seignior's Affairs ſeem perplexed: But I hope England is happy under a prudent Prince. The Merchants too may expect large Returns about this Time.
2	△	10		10	18	21	3 25	7 57	Morn.	
3	2	△					3 40	8 44	0 22	
4		22			△		3 48	9 32	0 58	
5			6		10		3 57	10 21	1 38	
6			0	△		8	4 7	11 9	2 27	
7	8			14		19	4 17	11 57	☽ riſe	
8	12						4 26	Morn.	8A11	
9		8		□			4 35	0 43	8 37	
10		0	*	8	8		4 44	1 27	8 58	
11			2		2	△	4 52	2 11	9 17	
12	△		□	*		16	5 1	3 54	9 38	
13	22		14	0			5 9	3 36	9 57	
14		△	△			□	5 16	4 19	10 17	
15	□	0	22		♀	1	5 22	5 5	10 40	
16	11	□		6	10	*	5 28	5 52	11 7	
17	*	8		21	□	11	5 33	6 42	11 41	
18	20	*			20		5 38	7 38	Morn.	
19		12	8		*		5 42	8 38	♄ 26	
20			6		2	6	5 46	9 39	1 24	
21				*	2	20	5 49	10 42	2 35	
22	6	6		6			5 52	11 44	☽ ſets	
23	4	15	△	□			5 54	0 45	7A55	
24			5	7	6		5 56	1 41	8 23	
25			□	△	10	*	5 57	2 33	8 46	
26	*	*	6	11		2	5 57	3 24	9 9	
27	12	14	*			□	5 57	4 13	9 31	
28			10			10	5 57	5 1	9 56	
29	□	□			*		5 56	5 49	10 24	
30	0	0		8	4	△	5 54	6 38	10 56	
31				4	□	2	5 52	7 27	11 35	

Auguſt hath XXXI Days.

After a four Month's going backward, Jove,
Is now direct, and with bright Sol doth move
In glorious Trine. The rev'rend Clergy are
(As always God's, ſo now) their Prince's Care.
When the People Dirt upon the Church-men fling,
Their next Work's to bedaub their ſov'reign King

M D	♄ ♑	♃ ♐
1	6	☌
6	7	☌
11	7	☌
16	8	D
21	9	☌
26	9	☌

M D	W D	Sundays and Remark. Days	☉ ° ′	☽ ♌ ° ′	☽ ☍ ° ′	☿ ♉	♀ ♍	♂ ♎	Aſpects & Weather.
1	W	Lammas-day.	9 8	13 ☌		22	12	24	*Temperate*
2	T	Moſes	10 6	24 52		23	13	25	*Weather and*
3	F	Lyra South 30m	11 3	6♍40		23	14	27	□ ♃ ☿ *ſea-*
4	S	paſt 8 at Night	12 1	18 30		24	16	29	*ſonable for the*
5	G	8 S. aſt. Trinity	12 58	0♎22		25	17	♌	*Harveſt.*
6	M	Transfiguration	13 56	12 18		26	18	3	*Winds, with*
7	T	Donatus.	14 53	24 18		26	19	5	△ ☉ ♃ *fly-*
8	W	Cyriacus	15 51	6♐33		27	21	7	♂ ♄ ☿ *ing*
9	T	Romanus	16 49	18 53		28	22	9	*Clouds. Good*
10	F	St. Lawrence	17 46	1♑22		28	23	11	*Harveſt Wea*
11	S	Prs. Brunſw. b.	18 44	14 5		29	24	13	△ ♃ ☿ *ther*
12	G	9 S. aft. Trinity	19 41	26 59		29	25	15	Pr. Wales b.
13	M	Marcellus	20 39	10♒ 8		♊	26	17	*ſtill continues.*
14	T	Hippolite.	21 37	23 35		1	28	19	*Briſk Winds,*
15	W	Aſſumption B.V	22 34	7♓23		2	29	21	*bringing ſome*
16	T	Pr. Frederic b.	23 32	21 32		2	♎	23	♂ ☉ ☿ *ſmall*
17	F	Fomelhaut Sou.	24 30	6♈ 4		3	2	25	*Showers of*
18	S	30m. paſt midn	25 28	20 51		4	3	27	*Rain, Miſting*
19	G	10 Sund. aft. Tr.	26 27	5♉52		4	4	29	△ ♂ ☿ *Rain*
20	M	Bernardus	27 23	20 57		5	5	♍	*at, or about*
21	T	Pr. W. Hen. b.	28 21	5♊55		5	6	2	*this Time.*
22	W	March. S. 26m	29 19	20 35		6	7	4	*Fair and fine,*
23	T	Quiriacus.	☌ 17	4♋51		6	8	6	*with ruffling*
24	F	St. Bartholomew	1 15	18 39		7	9	8	✱ ♄ ☿
25	S	paſt midnight.	2 13	1♌59		7	11	10	*Winds. Clou-*
26	G	11 Sund. aft. Tr.	3 11	14 49		8	12	12	*dy, and ſome*
27	M	Rufinus	4 9	27 19		9	13	14	✱ ♄ ♂ □ ♃
28	T	Auguſtine.	5 7	9♍30		9	14	16	*Showers* ☿
29	W	Dec. Jo. Bap.	6 5	21 30		10	15	17	✱ ♃ ☿ *Good*
30	T	Gaudentia	7 3	3♎23		10	16	19	*Weather to*
31	F	Adrianus	8 1	15 13		11	17	21	*the End.*

Partridge, Auguſt 1770.

Full Moon the 6th Day at 4 Afternoon.
Laſt Quarter the 14th Day at 8 Morn.
New Moon the 20th Day at 11 at Night.
Firſt Quarter the 28th Day at 4 Morn.
1ſt Day ♄ s. 23.45. ♂ 18.35. ☿ 10.56.
16th Day ♄ s.22.56. ♂ 18.17. ☿ 0.0.

M D	Jupiter South		Venus South.	
1	8	6	2	10
6	7	46	2	13
11	7	27	2	15
16	7	8	2	18
21	6	49	2	20
26	6	34	2	21

M D	Lunar Aſpects. ☉	♄	♃	♂	♀	☿	Clock too faſt	Moon South	☽ riſe & ſets	Obſervations.
1	14	10	6		22		5 49	8 16	Morn.	About the Mid-
2			4				5 45	9 5	0 11	dle of this Month
3				△			5 41	9 53	1 15	Jupiter becomes
4				△	12	8	5 36	10 40	2 15	direct, and is in
5		8		12		23	5 30	11 25	3 17	trine with the Sun
6	8	14	*				5 23	Morn.	☽ riſe	and Mercury. A
7	4		6	□			5 16	0 9	7 A 24	very few hoſtile
8			□	4			5 9	0 52	7 44	Rays this Month,
9			18	*	8		5 1	1 36	8 4	but moſtly of a
10		△		18	9	△	4 53	2 19	8 24	reconciling Na-
11	△	12	△			22	4 44	3 4	8 46	The 11th of
12	10	□	2				4 35	3 51	9 12	this Month, 1737,
13	□	18				□	4 25	4 40	9 44	was born the Prin-
14	20			6	△	14	4 15	5 32	10 24	ceſs of *Brunſwick*,
15		*	8	12	7		4 4	6 28	11 14	firſt Daughter of
16	*		0 13		□	*	3 51	7 27	Morn.	her Royal High-
17	4				16	4	3 39	8 27	0 16	neſs the Princeſs
18				*	*		3 26	9 28	1 30	Dowag. of *Wales*,
19		6	△	21	21		3 12	10 27	2 53	tune; which pro-
20	6	4	16	□		6	2 58	11 25	☽ ſets	cures much Good
21	12		□	23		18	2 44	0 22	6 50	to Places under
22			14				2 29	1 15	7 14	Leo and Sagitary,
23		*	*	△	6		2 14	2 6	7 30	and nothing but
24		8	16	2	7		1 59	2 56	8 3	evil Agents can
25	*	□				*	1 43	3 46	8 30	obſtruct theſe ami-
26	0	14				18	1 27	4 36	9 2	cable Rays, from
27	□						1 10	5 26	9 39	which ſo many
28	16	△	6	8	*	□	0 53	6 16	10 24	great Things may
29		0	12	0	10	14	0 36	7 5	11 15	be expected. The
30	△						0 18	7 56	Morn.	Affairs of Spain
31	8				□	△	0 0	8 41	0 11	ſeems better.

September hath XXX Days.

Farmers haſt in the Harveſt, for no Wonder
If this Month yield ſome Rain, and Claps of Thun-
Yet, if old Rules hit right, I ſee no Reaſon (der,
To fear, but it may prove a plenteous Seaſon;
And when your Barns are full, forget not then,
To praiſe that God who is ſo good to Men.

M D	♄ ♑	♃ ♐
1	10	15
6	11	16
11	11	16
16	12	17
21	12	17
26	13	18

M D	W D	Sundays and Remark. Days	☉ ♍ ° ′	☽ ♈ ° ′	♂ ♊	♀ ♎	☿ ♍	Aſpects & Weather.
1	S	Giles Abbot	8 59	27 1	11	19	23	*As laſt Month*
2	G	12 S. aft. Trin.	9 58	8♒56	12	20	24	*ended, ſo this*
3	M	London b. O. S	10 56	21 0	12	21	25	*may begin,*
4	T	Victorius	11 54	3♓19	13	22	27	*with Weather*
5	W	Fauſtus.	12 52	15 38	13	23	28	*befitting the*
6	T	Marcellus.	13 51	28 13	14	24	♎	*Seaſon. Flying*
7	F	Dog-days end	14 49	10♈59	14	26	2	*Clouds, ſmall*
8	S	K. Geo. III. m.	15 47	23 55	15	27	3	*Showers, and*
9	G	13 Sund. af. Tr.	16 46	7♉ 5	15	28	5	*Thunder and*
10	M	Gorgonius.	17 44	20 25	16	29	7	☌ ♃ ♂
11	T	Sothenes.	18 42	3♊58	16	♍	8	*Lightning.*
12	W	Vincentius	19 41	17 44	17	2	9	*Good Weather*
13	T	Amantius.	20 39	1♋44	17	3	11	*for the latter*
14	F	Holy Rood-day	21 38	15 59	18	4	12	✶ ♄ ☿ *Har-*
15	S	Nicomede	22 37	0♌26	18	5	14	*veſt. Briſk*
16	G	14 S. aft. Trinity	23 35	15 4	19	6	16	△ ♃ ☿
17	M	Lambert.	24 34	29 45	19	7	18	*Winds, bring-*
18	T	St. Chryſoſtom.	25 32	14♍21	20	8	19	*ing Showers*
19	W	Ember Week	26 31	28 45	20	10	20	△ ♂ ☿
20	T	Fauſtina Virg.	27 30	12♎51	21	11	21	*Winds and fly-*
21	F	St. Matth Ap.	28 29	28 33	21	12	22	*ing Clouds.*
22	S	K. G. III. crown.	29 28	9♏50	22	13	24	□ ♄ ♀ *Fogs*
23	G	15 Sund. aft. Tr.	0♎26	22 42	22	14	25	*and driſſling*
24	M	Winobald	1 25	5♐14	22	15	26	*Rains. Briſk*
25	T	Cleophas.	2 24	17 27	23	16	27	*Winds and fly-*
26	W	St. Cyprian.	3 23	29 28	23	17	28	*ing Clouds.*
27	T	Cas & Cam	4 22	11♑23	24	18	♏	*ſome ſmall*
28	F	Privatus	5 21	23 12	24	20	1	*Rains. Mo-*
29	S	Prs. Ch. A. M. b	6 20	5♒ 5	24	21	2	St. Mi. A. A.
30	G	16 S. aft. Trinity	7 19	17 5	25	22	3	*derate Wea-*
								ther.

Partridge, September 1770.

Full Moon the 5th Day at 6 Morning.
Last Quarter the 12th Day at 4 Aftern.
New Moon the 19th Day at 8 Morning.
First Quarter 26th Day at 9 at Night.
1st Day ♄ s at 22.6. ♂ 17.56. ☿ 0.51.
16th Day ♄ s. at 21.19. ♂ 17.34. ☿ 1.19.

M D	Jupiter South		Venus South	
1	6	13	2	27
6	5	55	2	30
11	5	40	2	34
16	5	24	2	37
21	5	7	2	40
26	4	54	2	41

M D	Lunar Aspects. ☉	♄	♅	♆	♃	☿	Clock tooflow	Moon South	☽ rises & sets	Observations.
1					4	14	0 19	9 27	1 11	On the 2d, 3d,
2		8	*	△			0 38	10 11	2 16	4th and 5th Days
3		2	12	6	△		0 57	10 57	3 22	of this Month Old
4	8			□	○		1 18	11 45	4 29	Stile, or the 13th,
5	18		□	20			1 35	Morn.	☽ rise	14th, 15th & 16th
6			○			8	1 55	0 25	6A39	according to the
7		△	△	*		4	2 15	1 9	7 0	New, 1666, was
8		○	10	4	8		2 35	1 56	7 27	the glorious City
9	△	□			6		2 55	2 46	7 56	of *London* burnt by
10	20	8					3 15	3 37	8 33	those vile Incendi-
11		*	8			△	3 35	4 31	9 19	aries the Papists;
12	□	12	21	6		7	3 56	5 28	10 16	therefore let the
13	4			○	△	□	4 17	6 27	11 23	Remembrance of
14	*				2	16	4 38	7 24	Morn.	that memorable
15	10	6			□		5 10	8 23	○ 38	Year of our Lord,
16		20	△	*	8	*	5 21	9 19	1 58	be engraven in in-
17			4	7	*	2	5 42	10 14	3 20	delible Charact-
18	6		□	□	12		6 3	11 9	4 43	ers on the Hearts
19	20		6	10			6 24	○ 1	☽ sets	of Posterity, to
20		*	*	△		6	6 45	0 52	6A11	make them abhor
21		○	8	12		16	7 6	1 43	6 39	& detest Popery,
22		□			6		7 26	2 34	7 10	and all such vile
23	*	4			6		7 47	3 25	7 45	Popish Incendia-
24	15	△					8 7	4 17	8 28	ries. Let it remain
25		16	6	8		*	8 27	5 7	9 16	a Monument of
26	□		○	12		22	8 47	5 56	10 10	Gratitude to God,
27	9				*		9 7	6 42	11 11	of Caution to *Eng-*
28					14	□	9 26	7 32	Morn.	*land*, and Protest-
29	△	8				19	9 46	8 17	0 14	ants in general, &
30	2	18	*	△	□		10 6	9 1	1 19	Shame to *Rome*,

October hath XXXI Days.

	M D	♄ ♌	♃ ♐
Bright Sol in Libra hath, with impartial Ray,	1	13	18
To Shades of Night equal'd the Beams of Day.	6	14	19
No Wonder Heav'n does right; but, alas! when	11	14	20
Shall we behold it practis'd among Men [stronger,	16	15	21
We'll wait a while, by Time Truth still grows	21	15	22
And fair Cloaks shall Knav'ry hide no longer.	26	15	22

M D	W D	Sundays and Remark. Days	☉ °	♎ ′	☽ °	♒ ′	♂ ♊	♀ ♏	☿ ♑	Aspects and Weather.
1	M	Remigius.	8	18	29	14	25	23	4	*Blustering*
2	T	Blutherius.	9	17	11 ♓	36	26	24	5	*Winds begin*
3	W	St. Denis. Arco	10	17	24	13	26	25	6	*the Month.*
4	T	Franciscus.	11	16	7 ♈	4	27	27	6	*Showers a-*
5	F	Thracia	12	15	20	10	27	28	7	*bout the full*
6	S	Faith V. & Mar.	13	14	3 ♉	30	28	29	8	✱ ☉ ♄
7	G	17 S. aft. Trinity	14	13	17	1	28	♐	9	*Moon. Dark*
8	M	St. Sergius	15	13	0 ♊	42	28	1	9	*and foggy.*
9	T	St. Demetrius	16	12	14	32	29	2	10	*Fair and calm*
10	W	Old Mich. Day	17	12	28	30	29	3	10	*for some Days.*
11	T	Nichasius	18	11	12 ♋	35	29	4	11	*Winds and*
12	F	Welfridus	19	11	26	43	29	5	11	*Clouds, pro-*
13	S	Trans. K. Edw.	20	10	10 ♌	56	♋	6	R	*ducing a good*
14	G	18 Sund. aft. Tr.	21	10	25	10	0	7	11	✱ ☉ ♃
15	M	Fomelhaut Sou.	22	9	9 ♍	24	0	8	11	*Wheat Seed's*
16	T	30′ p. 9 Night	23	9	23	31	0	10	10	*Time. Plea-*
17	W	Etheldred Virg.	24	9	7 ♎	29	0	11	10	*sant Weather*
18	T	St. Luke Evan.	25	8	21	12	1	12	9	*still continues*
19	F	Marchab South	26	8	4 ♏	37	1	13	8	*for some Days.*
20	S	12m. past 9	27	8	17	43	1	14	7	*Cloudy and o-*
21	G	19 Sund. aft. Tr.	28	8	0 ♐	29	1	15	6	△ ♄ ♀ *ver-*
22	M	Ursula.	29	7	12	58	2	16	5	*cast. Driss-*
23	T	Severinus.	0 ♏	7	25	12	2	17	5	*ling Rains.* ☿
24	W	Salome Felix	1	7	7 ♑	14	2	18	3	☌ ☉ ☿ △ ♂
25	T	K. Geo. III. A.	2	7	19	8	2	19	1	△ ☉ ♂
26	F	K. Geo. III. Pr.	3	7	1 ♒	0	2	20	♎	*Rough Winds.*
27	S	Florentius	4	7	12	55	2	21	29	☌ ♃ ♀ *Fair*
28	G	20 Sund. aft. Tr.	5	7	24	55	2	22	28	St. Sim. & Ju.
29	M	Narcissus.	6	7	7 ♓	5	2	23	27	*and pleasant*
30	T	Marcellus.	7	7	19	32	3	24	26	*for the Sea-*
31	W	Wolfgang	8	7	2 ♈	15	3	25	25	✱ ♀ ☿ *son.*

Partridge, October 1770.

Full Moon the 4th Day at 8 at Night.
Last Quarter 11th Day at 10 at Night.
New Moon 18th Day at 8 at Night.
First Quarter the 26th Day at 5 Astern.
1st Day ♄ s 20.21. ♂ 17.8. ☿ 1.31.
16th Day ♄ s. at 19.42. ♂ 16.33 ☿ 1.22

M D	Jupiter South		Venus South	
1	4	38	2	50
6	4	24	2	54
11	4	9	2	59
16	3	53	3	4
21	3	37	3	8
26	3	24	3	12

M D	Lunar Aspects. ☉	♄	♃	♂	♀	☿	Clocks too slow		Moon South		☽ rise & sets	
1			2	14	12	△	10	36	9	45	2	24
2			□			10	10	45	10	29	3	32
3			12	□	△		11	3	11	14	4	40
4	8	△	△	4	2		11	21	Morn.		☽ rise	
5	8	12	22	*			11	38	0	1	5A	39
6		□		13		8	11	55	0	50	6	6
7		20				9	12	11	1	40	6	43
8					8		12	27	2	25	7	26
9	△	*	8		0		12	41	3	35	8	20
10	4	0	11	6		△	12	58	4	32	9	24
11	□			2		21	13	14	5	30	10	37
12	10				△	□	13	59	6	27	11	53
13	*	6	△		15	23	14	11	7	22	Morn.	
14	16	9	16	*	□		14	24	8	15	1	11
15			□	9	22	*	14	36	9	7	2	31
16			21	□		3	14	48	9	31	3	49
17		*		12	*		14	59	10	47	5	8
18	6	13	*	△	7		15	9	11	36	☽ sets	
19	8	□	0	18		6	15	19	0	30	5A	15
20		18				9	15	28	1	21	5	49
21							15	36	2	13	6	28
22		△	6		6		15	43	3	4	7	13
23	*	4	14	8	6	*	15	48	3	55	8	8
24	12			14		16	15	56	4	43	9	6
25						□	15	58	5	36	10	7
26	□					22	16	0	6	16	11	10
27	5	8	*		*		16	5	7	0	Morn.	
28	△	4	18	△	19	△	16	9	7	43	0	15
29	22			14		7	16	11	8	36	1	20
30			□		□		16	13	9	11	2	27
31			4	□	10		16	14	9	57	3	37

Observations.

We cannot expect the Affairs of this Month to vary from the preceding ones. An old Proverb says, Every Man for himself and God for us all. The Consultations of this Month are high and admirable. There are Hopes of Peace, and better Understanding amongst us than formerly. God preserve us from all Things destructive. News arrives from several Parts of Europe, and his Majesty of Great Britain much courted by foreign Princes. I hope to the Honour of the Nation in general, which I pray God grant. Amen.

November hath XXX Days.

Gently, my Friends, and eaſy, what News now!
Theſe little ſtamming Tricks will never do.
So fair, ſo ſweet, and mild, but yet look to't,
Words are but Wind, fair Promiſes won't do't.
Beware betimes, beware, your Ruin ſhun,
Each Sycophant adores the riſing Sun.

M D	♄ ♑	♃ ♐
1	15	24
6	16	25
11	16	26
16	16	27
21	16	28
26	16	29

M D	W D	Sundays and Remark. Days.	☉ ♏ ° ′	☽ ♈ ° ′	♂ ♌	♀ ♐	☿ ♒	Aſpects and Weather.
1	T	All Saints.	9 8	15 18	3	26	25	*Dark Air*
2	F	All Souls.	10 8	28 21	3	27	D	Pr. Edw. b.
3	S	Winifride	11 8	12♉22	3	28	25	*begins the*
4	G	21 Sund. aſ. Tr.	12 8	26 19	3	29	25	*Month. More*
5	M	Powd Plot	13 8	10♊30	3	♈	25	*fair and clear*
6	T	Term begins.	14 9	24 45	3	1	26	*Plentiful*
7	W	D. Cumb. b.	15 9	8♋58	3	2	26	☌ ♂ ♀
8	T	Prs. Sopn. A. b.	16 9	23 19	R	3	27	□ ☉ ♄
9	F	Lord Mayors D.	17 10	7♌43	3	4	28	*Showers of*
10	S	Tryphon	18 10	21 54	3	5	29	*Rain. Dark*
11	G	22 Sund. aſt. Tr.	19 11	5♍56	3	6	♏	St. Martin.
12	M	Britius Biſhop	20 11	19 49	3	7	1	*Air for ſome*
13	T	Philemon	21 12	3♎32	3	7	3	△ ♂ ☿ *Days*
14	W	Machutus	22 12	17 0	2	8	4	*More clear*
15	T	Ormardus	23 13	0♏17	2	9	5	*and froſty.*
16	F	Ludovicus.	24 13	13 19	2	10	6	*Perhaps ſome*
17	S	Hugh Biſ. Linc.	25 14	26 6	2	10	7	*Snow or Sleet*
18	G	23 S. aſt. Trinity	26 15	8♐40	2	11	9	*Cold froſty Air*
19	M	Fomelhaut S. at	27 16	21 0	2	12	11	*Rough Winds,*
20	T	7 at Night.	28 16	3♑ 9	1	13	12	*with Snow*
21	W	Preſent Mary	29 17	15 9	1	14	13	*or Rain.*
22	T	St. Cecile	0♐17	27 4	1	15	15	□ ♄ ☿ ✱
23	F	St. Clement	1 18	8♒55	1	15	17	[♀ ☿
24	S	Chriſtian	2 19	20 50	0	16	18	*More calm Air*
25	G	24 S. aſt. Trinity	3 20	2♓49	0	17	20	D. of Glo. b.
26	M	Conrade.	4 20	15 1	0	18	21	*for ſome Days.*
27	T	Maximus	5 21	27 24	0	18	22	*Cold Froſt,*
28	W	Term ends.	6 22	10♈ 7	♓	19	23	*with Snow,*
29	T	Saturnus.	7 23	23 10	29	19	25	*at the End.*
	F	St. An. Prs. W. b.	8 24	6♉40	29	20	27	☿ ♃ ♂

Partridge, November 1770.

Full Moon the 3d Day at 10 Morning.
Laſt Quarter the 10th Day at 5 Morning.
New Moon 17th Day at 10 Morning.
Firſt Quarter the 25th Day at 1 Aftern.
1ſt Day ♄ s. 18.42. ♂ 15.42. ♀ 11.48.
16 Day ♄ s. at 17.44. ♂ 14.39. ♀ 10.52.

M D	*Jupiter* South		*Venus* South	
1	3	5	3	16
6	2	50	3	17
11	2	39	3	17
16	2	18	3	16
21	2	0	3	12
26	1	52	3	10

M D	Lunar Aſpects. ☉	♄	♃	♂	♀	☿	Clock too ſlow	Moon South	☽ riſes & ſets	Obſervations.
1		△	△	4	△	8	16 14	10 45	4 49	Jucundita cordis eſt vitæ hominis.
2	8	o	16	*	22	19	16 14	11 3[illegible]	6 3	
3	22	□		12			16 14	Morn.	☽ riſe	The 5th of this
4		6					16 13	0 25	5 A 24	Month, 1605, was
5		*					16 11	1 26	6 16	the Popiſh Pow-
6		10	8	6	8	△	16 8	2 24	7 18	der Plot, which
7	△		1	12	11	3	16 5	3 26	8 29	by true Proteſt-
8	10					□	16 1	4 29	9 45	ants ought never
9	□	6				8	15 56	5 18	11 5	to be forgot.
10	17	10	△	*		*	15 45	6 13	Morn.	The 7th of this
11			9	19	△	16	15 39	7 5	0 21	Month, 1745. was
12	*		□		o		15 35	7 54	1 39	born the hopeful
13	o	*	11	□	□		15 26	8 44	2 55	Duke of *Cumber-*
14		22	*	o	7		15 18	9 31	4 10	*land*, 4th Son of
15			18	△	*	6	15 5	10 2c	5 33	her Royal High-
16	6	□		4	18	9	14 54	11 12	6 24	neſs the Princeſs
17	22	6					14 42	0 4	☽ ſets	*Dowager* of *Wales*
18		△					14 29	0 54	5 4	The 25th of this
19		16	6	8			14 16	1 45	5 56	Month 1743. was
20				20	6	*	14 1	2 39	6 52	born the hopeful
21					22	22	13 45	3 20	7 52	*Duke* of *Glouceſ-*
22	*						13 29	4 7	8 54	*ter*, third Son of
23	6	8				□	13 12	4 51	9 57	her Royal High-
24		16	*	△		20	12 54	5 34	11 2	neſs the Princeſs
25	□		14	19			12 36	6 17	Morn.	*Dowager* of *Wales*
26	1				*	△	12 18	7 0	0 8	And on the 30th
27	△		□	□	4	12	11 59	7 44	1 15	1719, was born
28	15	△	4	6	□		11 39	8 28	2 23	her Royal High-
29		11	△	*	18		11 17	9 17	3 34	neſs the Princeſs
30		□	11	11			10 55	10 9	4 47	*Dowager* of *Wales*.

December hath XXXI Days.

	M D	♄ ♌	♃ ♍
The Year concludes, Time will its Circuit go,	1	16	0
Oh! could we see our Troubles ended too.	6	16	1
May Piety and mutual Love increase, (Peace,	11	16	2
And those be punished that would disturb our	16	16	3
Then shall our next more happy Tidings tell,	21	16	4
Mean Time, God save the King. Readers farewell.	26	15	5

M D	W D	Sundays and Remark. Days.	☉ °	♐ ′	☽ °	♉ ′	♂ ♊	♀ ♍	☿ ♏	Aspects and Weather.
1	S	Virgilius	9	25	20	33	28	21	29	*Raw, cold,*
2	G	Advent Sund.	10	26	4 ♊	49	28	22	♐	*and slabby*
3	M	Cassianus	11	27	19	24	27	22	2	*Weather, but*
4	T	Barbara	12	28	4 ♋	10	27	23	4	*soon followed*
5	W	Sabæa	13	29	19	0	27	23	5	*with freez-*
6	T	Nicholas. Bis.	14	30	3 ♌	46	26	24	7	*ing Winds.*
7	F	Ambrosius	15	31	18	21	26	24	8	△ ☉ ♄ *Now*
8	S	Conc. B. V. M.	16	32	2 ♍	4[illegible]	26	25	10	*more calm and*
9	G	2 Sund. in Adv	17	33	16	45	25	25	11	*mild for the*
10	M	Pole Star S. 36m	18	34	0 ♎	29	25	26	13	*Season. Cold*
11	T	past 7 at Night	19	35	13	55	25	26	14	*raw Weather*
12	W	Synesius	20	36	27	4	24	26	16	*with Frosts*
13	T	Lucy Vir & Mar.	21	37	9 ♏	58	24	26	18	*and Snow.*
14	F	Nicasius	22	38	22	38	23	27	19	☍ ☉ ♂ *Cold*
15	S	Tyaneus	23	39	5 ♐	7	23	27	21	*bleak Winds,*
16	G	3 Sund. in Adv.	24	40	17	25	23	27	22	☍ ♂ ☿ *pro-*
17	M	Lazarus	25	41	29	34	22	27	24	*ducing Rain*
18	T	Zif. & Zozim.	26	43	11 ♑	37	22	27	25	*or Snow.*
19	W	Ember Week.	27	44	23	33	21	R	27	☌ ☉ ☿ *More*
20	T	Numerius.	28	45	5 ♒	25	21	27	29	*fair and calm*
21	F	St. Thomas Ap.	29	46	17	16	20	27	♑	*for the Sea-*
22	S	Demetrius	0 ♑	47	29	9	20	27	2	*son. Cold,*
23	G	4 Sund. in Adv.	1	48	11 ♓	8	19	27	3	*frosty Wea-*
24	M	Victoria	2	49	23	15	19	27	5	☌ ♃ ☿ *ther*
25	T	Christmas-day	3	51	5 ♈	35	19	26	7	*will in all*
26	W	St. Stephen	4	52	18	12	19	26	8	☌ ☉ ♃ *pro-*
27	T	St. John	5	53	1 ♉	11	19	26	10	*bability con-*
28	F	Holy Innocents	6	55	14	41	18	26	12	*clude the Year.*
29	S	Trophimus	7	56	28	28	18	25	13	*You that have*
30	G	1 S. aft. Christm.	8	57	12 ♊	49	18	25	15	*Store, Relieve*
31	M	Silvester Bishop.	9	58	27	34	18	24	17	*the Poor.*

Partridge, December 1770.

Full Moon the 2d Day at 10 at Night.
Last Quarter the 9th Day at 2 Aftern.
New Moon the 17th Day at 4 Morn.
First Quarter the 25th Day at 8 Morn.
1st Day ☿ ☌ ♃ 16.40. ☌ ☍ 13.20. ☿ ☌ ☉ at 11.17.
16th Day ☿ ☍ ♄ 15.33. ☌ ☍ 11.47. ☿ ☌ ♀ 11.50.

M. D.	Jupiter South		Venus South	
1	1	29	3	2
6	1	12	2	53
11	1	1	2	43
16	0	38	2	19
21	0	21	1	55
26	0	7	1	30

M. D.	Lunar Aspects. ☉	☿	♃	♂	♀	♅	Clock too slow	Moon South	☽ rise & sets	Observations.
1		☍6			△	☌8	10 32	11 5	6 41	Many material
2	8	✱			☐	☍6	10 8	Morn.	☽ rise	Accidents do now
3	10	20	8	6			9 44	0 4	4 A 54	apparently oppe-
4			☍6	12			9 19	1 5	6 4	rate amongst us.
5					☌8		8 54	2 6	7 20	Time must unveil
6	△	6			6	△	8 28	3 4	8 41	the Mystrey. This
7	20	20		✱		☍6	8 2	4 0	10 1	Month great Dif-
8			△	13		☐	8 36	4 53	11 19	gusts may happen
9	☐		☌	☐	△	☍12	7 9	5 44	Morn.	among Persons of
10	2		☐	14	☍15		6 42	6 33	0 35	Quality, and other
11	✱	✱	4	△	☐	✱	6 14	7 21	1 50	Transactions that
12	12	4	✱	19	22	☌	5 46	8 9	3 2	I dare not adven-
13		☐	9				5 18	8 57	4 12	ture upon, well
14		☍12			✱		4 49	9 47	5 21	knowing none but
15		△			☌8		4 20	10 37	6 24	one inspired can
16	6	21	6	8		6	3 50	11 28	7 19	predict Particu-
17	16		6	12		☍12	3 20	0 17	☽ sets	lars. God rules
18							2 50	1 5	5 A 30	all by his Provi-
19					6		2 20	1 51	6 31	dence, and the
20		8			9		1 50	2 36	7 34	Stars by his Per-
21	✱	21		△			1 20	3 19	8 38	mission. May he
22	21		✱	6		✱	0 50	4 1	9 42	of his Goodness
23			8	☐		6	0 20	4 53	10 46	direct the whole
24	☐			☍16	✱		fast 11	5 25	11 52	Nation unto Uni-
25	20	△	☐		8	☐	0 41	6 9	Morn.	ty, and Peace, a-
26		☍18	0	✱	☐	3	1 11	6 54	1 1	mong themselves,
27	△		△	2	☍15	△	1 41	7 43	2 10	and Loyalty and
28	9	☐	8		△	20	2 10	8 36	3 23	Obedience unto
29		☌			☍17		2 39	9 32	4 35	their Sovereign.
30		✱		☌6			3 8	10 32	5 44	Amen.
31	8	4	8	10			3 37	11 33	6 16	

A TABLE of the Common Notes, and Moveable Feasts for the Year of our Lord 1770.

Golden Number	4	Easter Sunday	*April* 15
Cycle of the Sun	15	Rogation Sunday	*May* 20
Dominical Letter	G	Ascension-Day	*May* 24
Epact	3	Whit-Sunday	*June* 3
Roman Indiction	3	Trinity-Sunday	*June* 10
Sundays after Epiphany	5	Sundays after Trinity	24
Septuagesima Sun.	*Feb.* 11	Advent Sunday	*Dec.* 2
Ash-Wednesday	*Feb.* 28	Year of the Julian Per.	6475
Number of Direct.	38	Year of Dionysian Per.	95

A TABLE of the 12 Signs; 7 Planets, and Aspects.

♈ **Aries,** *Head and Face.*
♉ **Taurus,** *Neck and Throat*
♊ **Gemini,** *Arms and Shoulders,*
♋ **Cancer,** *Breast and Stomach.*
♌ **Leo,** *Heart and Back.*
♍ **Virgo,** *Bowels and Belly.*
♎ **Libra,** *Reins and Loins.*
♏ **Scorpio,** *Secret Members.*
♐ **Sagitarius,** *Hips and Thighs.*
♑ **Capricorn,** *Knees and Hams.*
♒ **Aquarius,** *Legs and Ancles.*
♓ **Pisces,** *Feet and Toes.*
☌ **Conjunction,** *In one Sign & Degree.*
⚹ **Sextile,** *is* 2 *Signs or* 60 *degrees.*
□ **Square or Quartile,** *is* 3 *Signs or* 90*d.*
△ **Trine,** *is* 4 *Signs or* 120 *degrees.*
☍ **Oppositon,** *is* 6 *Signs or* 180 *degrees.*

♄ **Saturn.**
♃ **Jupiter.**
♂ **Mars.**
☉ **Sol. or the Sun.**
♀ **Venus.**
☿ **Mercury.**
☽ **Luna the Moon**
☊ **Dragons Head.**
☋ **Dragons Tail.**
⊕ **Part of Fortune,**
⊕ **Tellus or Earth**

VENUS *is a Morning Star till the* 24*th of* March *then an Evening Star to the Year's End.*

♈♌♐ **Hot, Dry and Fiery,**
♊♎♒ **Hot and moist Airy**
♈♌♐♊♎♒ **Diur. Masculine**
♈♋♎♑ **Cardinal & Moveable**
♊♍♐♓ **Common Signs**
♊♌♍ **are Barren**

♉♍♑ **Cold & dry Earthly**
♋♏♓ **Cold & moist Watery**
♉♍♑♋♏♓ **Noct. Femin**
♉♌♏♒ **Fixed Signs**
♋♏♓ **Termed Mute Signs**
♋♏♓ **Fruitful**
♊♐♓ **Bicorporeal**

Kings Names.	Reign began.
William Conq.	Oct. 14, 1066
William Rufus	Sept. 19, 1087
Henry 1.	Aug. 2, 1100
Stephen	Dec. 2, 1135
Henry 2. Rosam.	Oct. 25, 1154
Richard 1.	July 6, 1189
John	April 6, 1199
Henry 3.	Oct. 19, 1216
Edward 1.	Nov. 16, 1272
Edward 2.	July 7, 1307
Edward 3.	Jan. 25, 1326
Ric. 2. W. Tyler	June 21, 1377
Henry 4.	Sept. 29, 1399
Henry 5.	Mar. 20, 1412
Henry 6.	Aug. 31, 1422
Ed. 4. J. Shore	Mar. 4, 1461
Edward 5.	April 9, 1483
Richard 3.	June 22, 1483
Henry 7.	Aug. 22, 1485
Henry 8.	Apr. 22, 1509
Edward 6.	Jan. 28, 1547
Mary 1.	July 6, 1553
Elizabeth	Nov. 17, 1558
James 1.	Mar. 24, 1602
Charles 1.	Mar. 27, 1625
Charles 2.	Jan. 30, 1648
James 2.	Feb. 6, 1684
Will. 3. & M. 2.	Feb. 13, 1688
Anne	Mar. 8, 1701
George 1.	Aug. 1, 1714
George 2.	June 11, 1727
George 3.	Oct. 25, 1760

PARTRIDGE.

The direct Lineal Descent of His Majesty K. George III.

The Family of *Brunswick Lunenburg.*

Maud mar. *Hen. the Lion,* D. of *Bavaria* and *Saxony,* had *Wil.* of *Lun.* mar. *Helena,* D. of *Worldemer,* K. of *Den.* had *Otho* D. of *Brunf.* and *Lunen.*

——— had ———

Albert the Great D. of *Brunf.*

——— had ———

Albert the Fat D. of *Brunf.*

——— had ———

Magnus D. of *Brunfwick*

——— had ———

Mag. Torquat. D. of *Bru,* & *Lun.*

——— had ———

Bernard D. of *Brun.* & *Lun.*

——— had ———

Frederick Duke of *Lunenb.*

——— had ———

Otho the Great D. of *Lunenb.*

——— had ———

Henry Duke of *Lunen.* had *Erneſt* Duke of *Lunemb.* had *Wil.* D. of *Lunen. Zel.* had *Elizabeth,* mar. *Fred.* K. of *Bohemia,* had *Geo.* P. of *Callenbar* and D. of *Hanower.* had *Sophia,* mar. *Erneſt Auguſtus* Biſhop of *Oſnaburgh,* and Elector of *Brunſwick Lunenburgh,* had *George,* by the Grace of *God,* King of *Great-Britain,* &c. who had *George* II. who had *Fred.* Pr. of *Wales,* who had *George* III. his preſent Majeſty, whom God preſerve.

Table of Break of Day, of Sun Rising and Setting, and Length of the Day.

Mon	Day	B.D. h.	B.D. m.	S.R. h.	S.R. m.	S.S. h.	S.S. m.	L.D. h.	L.D. m.
January.	1	5	59	8	10	3	51	7	42
	6	5	57	8	7	3	54	7	48
	11	5	53	8	2	3	49	7	58
	16	5	49	7	54	4	7	8	14
	21	5	44	7	48	4	13	8	26
	26	5	38	7	42	4	19	8	36
February.	1	5	30	7	35	4	26	8	52
	6	5	22	7	26	4	35	9	10
	11	5	14	7	13	4	48	9	36
	16	5	6	7	3	4	58	9	56
	21	4	57	6	54	5	7	10	14
	26	4	48	6	44	5	17	10	34
March.	1	4	43	6	38	5	23	10	46
	6	4	32	6	28	5	33	11	6
	11	4	21	6	18	5	43	11	26
	16	4	11	6	8	5	53	11	46
	21	4	0	5	58	6	9	12	6
	26	3	48	5	48	6	13	12	26
April.	1	3	33	5	36	6	25	12	50
	6	3	20	5	26	6	35	13	10
	11	3	6	5	17	6	44	13	28
	16	2	54	5	7	6	54	13	48
	21	2	40	4	59	7	2	14	4
	26	2	23	4	50	7	11	14	22
May.	1	2	4	4	41	7	20	14	40
	6	1	50	4	32	7	29	14	58
	11	1	28	4	24	7	37	15	14
	16	1	4	4	16	7	45	15	30
	21	0	24	4	9	7	52	15	44
	26			4	3	7	58	15	56
June.	1		No Night, but all Twilight.	3	57	8	3	16	6
	6			3	53	8	7	16	14
	11			3	51	8	9	16	18
	16			3	49	8	11	16	22
	21			3	47	8	13	16	26
	26			3	40	8	11	16	22

Mon	Day	B.D. h.	B.D. m.	S.R. h.	S.R. m.	S.S. h.	S.S. m.	L.D. h.	L.D. m.
July.	1		No Night but all Twilight.	3	51	8	9	16	18
	6			3	54	8	6	16	12
	11			3	57	8	3	16	6
	16			4	2	7	58	15	54
	21			4	8	7	52	15	46
	26	0	52	4	14	7	46	15	32
August.	1	1	24	4	22	7	38	15	16
	6	1	44	4	31	7	28	14	56
	11	2	0	4	39	7	20	14	40
	16	2	20	4	49	7	10	14	20
	21	2	35	4	57	7	2	14	4
	26	2	50	5	6	6	53	13	46
September.	1	3	7	5	18	6	41	13	22
	6	3	21	5	27	6	32	13	4
	11	3	34	5	37	6	22	12	44
	16	3	44	5	47	6	12	12	24
	21	3	56	5	57	6	2	12	4
	26	4	7	6	6	5	53	11	46
October.	1	4	18	6	16	5	43	11	26
	6	4	29	6	26	5	33	11	6
	11	4	39	6	36	5	23	10	46
	16	4	49	6	46	5	13	10	26
	21	4	59	6	56	5	3	10	6
	26	5	8	7	5	4	54	9	48
November.	1	5	17	7	16	4	43	9	26
	6	5	24	7	25	4	34	9	8
	11	5	32	7	34	4	25	8	50
	16	5	37	7	42	4	17	8	34
	21	5	43	7	49	4	10	8	20
	26	5	49	7	56	4	3	8	6
December.	1	5	54	8	1	3	59	7	58
	6	5	56	8	6	3	54	7	48
	11	5	58	8	10	3	50	7	40
	16	6	0	8	12	3	48	7	36
	21	6	1	8	13	3	47	7	34
	26	6	1	8	12	3	48	7	36

A Table of the Increaſe and Decreaſe of Days for every other Day throughout the Year.

Days	January Increaſe H.	M.	February Increaſe H.	M.	March Increaſe H.	M.	April Increaſe H.	M.	May Increaſe H.	M.	June Increaſe H.	M.
1	0	8	1	26	3	10	5	14	7	6	8	32
3	0	10	1	32	3	18	5	22	7	14	8	36
5	0	14	1	38	3	26	5	30	7	20	8	38
7	0	16	1	46	3	34	5	36	7	28	8	42
9	0	20	1	54	3	42	5	44	7	34	8	44
11	0	24	2	2	3	50	5	52	7	40	8	46
13	0	28	2	8	3	58	6	0	7	46	8	48
15	0	34	2	16	4	6	6	8	7	52	8	49
17	0	38	2	24	4	14	6	16	7	56	8	50
19	0	44	2	32	4	22	6	22	8	2	8	50
21	0	50	2	40	4	30	6	30	8	8	8	52
23	0	56	2	46	4	38	6	38	8	12	Dec.	2
25	1	2	2	54	4	46	6	44	8	18	0	2
27	1	8	3	2	4	54	6	52	8	22	0	2
29	1	16			5	2	6	58	8	26	0	4
31	1	22			5	10			8	30		

Days	July Decreaſe H.	M.	Auguſt Decreaſe H.	M.	September Decreaſe H.	M.	October Decreaſe H.	M.	November Decreaſe H.	M.	December Decreaſe H.	M.
1	0	6	1	14	3	2	5	0	6	58	8	30
3	0	8	1	20	3	10	5	8	7	6	8	34
5	0	10	1	26	3	18	5	16	7	12	8	36
7	0	12	1	32	3	26	5	24	7	20	8	40
9	0	16	1	38	3	34	5	30	7	26	8	44
11	0	20	1	46	3	42	5	33	7	34	8	46
13	0	24	1	52	3	48	5	46	7	40	8	48
15	0	28	2	0	3	56	5	54	7	46	8	50
17	0	32	2	6	4	4	6	2	7	54	8	50
19	0	36	2	14	4	12	6	10	7	58	8	51
21	0	42	2	22	4	20	6	18	8	4	8	52
23	0	46	2	28	4	28	6	26	8	10	8	52
25	0	52	2	36	4	36	6	34	8	16	Incr.	2
27	0	58	2	44	4	44	6	42	8	20	0	4
29	1	4	2	50	4	52	6	48	8	26	0	6
31	1	10	2	58			6	54			0	8

A Compendious Chronology of the moſt principal Epocha's and Æra's, with their Beginnings, reduced and fixed to the Years of the Julian Period, the Creation of the World and to the Years before and after Chriſt.

	Julian Period	Anno Mundi	Ante Chriſti
THE Creation of the World after the Jews	952	1	3760
The common Epocha of the Creation	765	1	3950
The ſame by the Greek Emperors	787	1	3926
The ſame in Mr. Bedford's Scripture Chronology	706	1	4007
The ſame in Biſhop Uſher's Annals	710	1	4004
The Deluge, or Noah's Flood	2362	1657	2351
Porphyrius's Chaldaïc Epocha	2480	1717	2200
The Aſſyrian Monarchy by Nimrod	2665	1960	2048
The Birth of Abraham	2714	2009	1999
Joſeph ſold into Egypt	2986	2281	1728
The Iſraelites 400 Years Servitude in Egypt	2819	2114	1894
The Kingdom of Argos founded by Inachus	2857	2152	1856
The Birth of Moſes	3143	2438	1571
The Kingdom of Athens founded by Cecrops	3157	2452	1556
The Iſraelites Departure out of Egypt	3219	2514	1494
Their Entrance into Canaan, or the Jubilee	3258	2553	1455
The Deſtruction of Troy	3530	2825	1185
The firſt Sabbatical Year	3260	2557	1451
The Jewiſh High Prieſthood	3300	2603	1405
The Reign of King David	3646	2941	1067
The Foundation of Solomon's Temple	3698	2993	1015
The Varronian Epocha	3960	3197	811
The Catonian Epocha	3961	3198	810
The Epocha of Nabonaſſar	3966	3261	747
The Olympiads	3938	3233	775
The Building of Rome	3962	3257	751
The Deſtruction of the Kingdom of Iſrael	3992	3287	721
The Beginning of Nebuchadonoſor	4105	3300	708
The Babyloniſh Captivity	4108	3302	706
The Deſtruction of Solomon's Temple	4126	3421	587

	Julian Period	Anno Mundi	Ant Chri
Daniel delivered from the Den of Lions	4176	3470	53
The Temple of Jeruſalem rebuilt	4198	3488	52
Cyrus the Founder of the Perſian Monarchy	4178	3472	53
The Regifugium Epocha	4205	3500	50
The Battle at Marathon	4223	3517	49
Xerxes's Defeat at the Battle of Salamis	4234	3528	48
The Beginning of the Peloponneſian War	4281	3575	43
Meto the Athenian began his Cycle	4282	3576	43
Daniel's 70 Weeks of Years began	4269	3564	44
The Beginning of the Callippick Period	4383	3677	33
The Death of Alexander	4390	3684	32
The Grecian Epocha of the Seleucida	4402	3695	31
The Æra of the Aſmoneans or Maccabees	4548	3841	166
The Epocha of Simon	4570	3865	143
The Julian Epocha, or Correct Callend.	4669	3962	46
The Beginning of the Reign of Herod	4677	3970	37
The Spaniſh Æra	4676	3969	36
The Battle of Actium	4683	3976	31
The taking of Alexandria	4684	3977	30
The Epocha of the Title of Auguſtus	4687	3980	27
The true Birth of CHRIST	4710	4005	4
The Vulgar or Dionyſian Years of Chriſt	4714	4009	Anno Chriſti.
The Paſſion or Death of Chriſt	4746	4041	33
The Deſtruction of Jeruſalem	4783	4078	70
The Diocleſian or Æra of Martyrs	4997	4292	284
The Diocleſian Perſecution	5015	4310	302
The Epocha of Conſtantine the Great	5019	4314	306
The Council of Nice	5038	4333	325
The Encænia of Conſtantinople	5043	4338	330
Phocas makes Pope Boniface Head of the Church	5319	4614	606
Mahomet broaches his Impoſture at Mecca	5321	4616	608
The Epocha of the Hegira	5335	4630	622
The Epocha of Yeſdejerd	5345	4640	632
The Jellalæan or Gelælæan Epocha	5792	5087	1079
The Epocha of the Reformation	6230	5525	1517
The Revolution effected by King William	6401	5696	1688
The Britiſh Epocha, or correct Kalendar	6465	5760	1752

A TABLE of the Rising, Southing, and Setting of the Pleiades or Seven Stars, for every 5th Day in the Year, of excellent Use to find the Hour of the Night.

Mon	Days	Rise h. m.	South h. m.	Sets h. m.
January	1	0 A 28	8 A 45	5 M 2
	6	0 6	8 23	4 40
	12	11 39	7 56	4 13
	17	11 M 17	7 34	3 51
	22	10 56	7 13	3 30
	27	10 35	6 52	3 9
February	1	10 15	6 32	2 49
	6	9 55	6 12	2 29
	12	9 31	5 48	2 5
	17	9 12	5 29	1 46
	22	8 52	5 9	1 26
	27	8 34	4 51	1 8
March	4	8 15	4 32	12 49
	9	7 56	4 14	12 30
	12	7 45	4 2	12 19
	17	7 27	3 54	12 1
	22	7 7	3 24	11 A 41
	27	6 49	3 6	11 23
April	1	6 31	2 48	11 5
	6	6 13	2 30	10 47
	12	5 51	2 8	10 26
	17	5 33	1 50	10 7
	22	5 14	1 31	9 48
	27	4 55	1 12	9 29
May	2	4 37	0 54	9 11
	7	4 17	0 34	8 51
	12	3 58	0 15	8 32
	17	3 38	11 M 55	8 12
	22	3 18	11 35	7 52
	27	2 58	11 15	7 32
June	1	2 38	10 55	7 12
	6	2 18	10 35	6 52
	12	1 54	10 11	6 28
	17	1 32	9 49	6 6
	22	1 12	9 29	5 46
	27	12 51	9 8	5 25

Mon	Days	Rise h. m.	South h. m.	Sets h. m.
July	2	12 M 30	8 M 47	5 A 4
	7	12 10	8 27	4 44
	12	11 49	8 6	4 23
	17	11 A 29	7 46	4 3
	22	11 9	7 26	3 43
	27	10 49	7 6	3 23
August	1	10 30	6 47	3 4
	6	10 10	6 27	2 44
	12	9 48	6 5	2 21
	17	9 29	5 46	2 2
	22	9 10	5 27	1 44
	27	8 52	5 9	1 26
September	1	8 34	4 51	1 8
	6	8 16	4 33	0 50
	12	7 54	4 11	0 28
	17	7 36	3 53	0 10
	22	7 18	3 39	11 M 52
	27	6 58	3 16	11 33
October	2	6 40	2 57	11 14
	7	6 22	2 39	10 56
	12	6 4	2 21	10 31
	17	5 45	2 2	10 19
	22	5 26	1 43	10 0
	27	5 7	1 24	9 41
November	1	4 48	1 5	9 22
	6	4 28	0 44	9 2
	12	4 4	0 21	8 38
	17	3 43	0 A 0	8 17
	22	3 23	11 40	7 57
	27	3 1	11 18	7 35
December	2	2 40	10 57	7 14
	7	2 18	10 35	6 52
	12	1 56	10 13	6 30
	17	1 34	9 51	6 8
	22	1 12	9 29	5 46
	27	0 50	9 7	5 24

A Table shewing the Semidiurnal Arch to every Degree of the Ecliptic, calculated for the Latitude 51°. 32'.

S.	♉		♌		♍		♎		♏		♐		S.
D.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	H.	M.	D.
0	8	13	7	50	6	59	6	0	5	1	4	10	30
1	8	13	7	49	6	58	5	58	4	59	4	8	29
2	8	12	7	47	6	56	5	56	4	57	4	7	28
3	8	12	7	46	6	54	5	54	4	55	4	5	27
4	8	11	7	45	6	52	5	52	4	53	4	4	26
5	8	11	7	43	6	50	5	50	4	52	4	3	25
6	8	10	7	42	6	48	5	48	4	50	4	2	24
7	8	10	7	41	6	46	5	46	4	48	4	1	23
8	8	9	7	40	6	44	5	44	4	46	4	0	22
9	8	9	7	39	6	42	5	42	4	45	3	59	21
10	8	8	7	38	6	40	5	40	4	43	3	58	20
11	8	8	7	37	6	38	5	38	4	41	3	57	19
12	8	7	7	36	6	36	5	36	4	39	3	56	18
13	8	7	7	35	6	34	5	34	4	37	3	55	17
14	8	6	7	33	6	32	5	33	4	36	3	54	16
15	8	6	7	31	6	30	5	30	4	34	3	54	15
16	8	5	7	30	6	28	5	28	4	32	3	53	14
17	8	4	7	28	6	26	5	26	4	30	3	53	13
18	8	4	7	26	6	24	5	24	4	29	3	52	12
19	8	3	7	23	6	22	5	22	4	27	3	51	11
20	8	2	7	20	6	20	5	20	4	25	3	51	10
21	8	1	7	17	6	18	5	18	4	23	3	50	9
22	8	0	7	15	6	16	5	16	4	21	3	50	8
23	7	59	7	13	6	14	5	14	4	20	3	49	7
24	7	57	7	11	6	12	5	12	4	18	3	49	6
25	7	56	7	9	6	10	5	10	4	16	3	48	5
26	7	55	7	7	6	8	5	8	4	15	3	48	4
27	7	54	7	5	6	6	5	6	4	13	3	48	3
28	7	53	7	3	6	4	5	4	4	12	3	47	2
29	7	52	7	1	6	2	5	2	4	11	3	47	1
30	7	51			6	0	5	1	4	10	3	47	0
	♊		♋		♎		♓		♑		♒		

N. B. In the Kalendar Part you will find the Planets South ing inserted to several Days in each Month; and by thi Table you may easily find their Rising and Setting: Firſ find the Longitude for the Day proposed, with which ente this Table, and take out the Semidiurnal Arch thereof which being added to the Time of Southing, gives th Setting; but subſtracted the Rising.

Of the Eclipſes for the Year 1770.

WITHIN the circumference of this year there will be only two eclipſes, and both of the Sun, and happen in the following order:

The firſt of theſe will fall on Thurſday, the 25th of May, about half an hour paſt one in the morning; it is a great and total eclipſe in the ſouthern parts of America, but it is inviſible with us at London.

The ſecond will be on Saturday, the 17th of November, at a quarter paſt ten o'clock in the forenoon, but this will not be viſible here in England, becauſe of the Moon's latitude being ſouth, and that alſo augmented by her parallax of latitude (which is always the caſe in theſe northern regions) depreſſeth her below the Sun's limb; therefore it is only viſible in the remote ſouthern parts of the globe. One of theſe eclipſes happeneth before the Sun's apogæon, and the other after it, is the reaſon (according to the rules of aſtronomy) there will not be any eclipſe of the Moon in this year.

Mr. H. Andrews, of Royſton, in Herts, who favoured me with the calculations of the eclipſes for the two laſt years, tells me, he made a miſtake, though an overſight, in the computations of the viſible eclipſe of the Moon that happened in December 1769, in the duration of it; for the beginning thereof ſhould have been 5 minutes 36 ſeconds later, and the end 5 minutes 36 ſeconds ſooner. And, in the account of the tranſit of Venus, for Sun's horizontal, *&c.* read Sun's horizontal parallax, *&c.* Aſtrology is an excellent ſcience, but moſt laborious and full of difficulty, as I myſelf have, in the courſe of my writings, ſufficiently experienced; therefore, to aſſiſt the young ſtudents, and the lovers of the art, I will perform what my preſent weakneſs is able, and give ſome choice aſtrological aphoriſms, which have been huddled up in the Latin tongue, but now appear in our own language, through the rough ſtroke of my pen.

1. He who is naturally well affected unto aſtrology, ſhall verily pronounce more certain judgments.

2. Diverſe

2. Diverſe effects of the ſtars are drawn forth from the ſtars, according to the various diſpoſitions of the matter, whereof the aſtrologer ought very well to examine the ſeveral natures and qualities of the ſubjects receiving.

3. Sol and Mars are fiery, the heat of Mars is deſtructive, that of the Sun anſwers the vivifying heavenly fire.

4. The ſuperior planets are moſt efficacious, the inferior are weak, and vaſtly do ſuffer by the ſuperiors, and receive good or ill from them.

5. Superior planets, becauſe they moſt reſiſt, do not eaſily receive a detriment or aſſiſtance from the inferior planets.

6. The misfortunes proceeding from Saturn or Mars are mitigated, if their places are protected by Jupiter, being well-diſpoſed and in good aſpect.

7. When a planet, who is a fortune, is in conjunction with an infortune, he allays his malice, ſo that the infortune does no hurt.

8. The fixed ſtars are the moſt efficacious of all in their operations, for what actions they manifeſt or occaſion are very great.

9. The fixed ſtars do imitate the nature and action of the erraticals or planets, wherefore they transfer their actions unto them.

10. The Moon hath a certain natural mutability, therefore ſhe eaſily communicates to us the influence of the other ſtars.

11. The Moon doth then moſt eſpecially transfer actions unto the inferior world, and the influx of the other ſtars from whom ſhe is ſeparated when ſhe is ſwift in motion.

12. Three manner of ways the planets are varied and changev, by reaſon of their firſt qualities, of their houſes and ſignifications.

13. Saturn governs contemplation and memory, Mars boldneſs and fortitude, if they want not ſtrength or are ill-diſpoſed.

14. Retrograde planets degenerate from their proper nature, by that means fortunes are made infortunes, and the evil planets far worſe.

15. Planets do manifeſt greater and worſer evils when they are ſtationary than when they are retrograde.

16. The

condition. As the Moon applies to the ſquare of Saturn, as he is now placed, he will ſtir up ſome troubleſome ſpirits, who, under the name of religion, will be ready to act rebellion. But I expect there will be debates and deliberations, with ſome contentions, among diverſe great ſenators and counſellors of kingdoms and ſtates; ſome of them will, I fear, under the moſt ſpecious pretences of honeſty, very much endeavour to protract the good reſolutions taken to ſecure and preſerve the public tranquility, but let ſuch be aſſured that their wicked deſigns will be timely diſcovered. The diſeaſes of this quarter are ſuch as afflict the back, convulſions, plurifies, and long continued diſeaſes, moſt deſtructive to aged people, with the ſtone in the kidneys, pains in the knees; and thus ends this quarter with theſe lines:

Now Captain Winter, with his bluſt'ring crew,
Marches along, and makes a muckle do;
Lays his command on all; he ſtrips the earth
Of all that in the ſpring her womb brought forth,
She's ſtrip'd of all, looks barren, bare, and poor,
'Till Phœbus does again new life reſtore:
None 'ſcapes his rage, but all things muſt obey,
As well as earth he checks the raging ſea.
He paves the rivers with an icy ſtone,
And ſets them faſt, that men may walk thereon;
He cloaths the fields with white inſtead of green,
And nothing of the ſummer's beauty's ſeen.
Cedars, as well as ſhrubs, muſt all ſubmit,
And paſſively obey, as he thinks fit;
When he does bluſter, who dares once oppoſe,
But rather meekly wear his frozen cloaths.
Nothing in nature's frame dares once rebel,
Nothing but rebel man and angels fell.

II. *Of the Spring Quarter.*

IT does commence at ſuch time as the glorious lamp of heaven, the Sun, touches the firſt point of Aries, or the Earth Libra, which is this year the 20th of March, 1 hour

1 hour 33 minutes, afternoon. Here we have 13 degrees of Leo aſcending, and 24 of Aries on the medium cœli, and Saturn in the twelfth retrograde; Jupiter in the fourth, and Mars upon the cuſp of the ſeventh; the Moon in the ſixth, ſeparating from the ſextile of Mercury, and applying to the oppoſition of Saturn; the Sun and Venus in the ninth, and Mercury in the eighth. Thus are the heaven's poſited at this ingreſs, which is the principal and main foundation in judging revolutions of the years of the world. Haly ſaith, *Major tamen potentia*, &c. the greateſt power of ſignification of the accidents of the year is known from the ſeparation and application of the Moon to the ſeveral planets; we preſume that none will be ſo weak as to expect an abſolute neceſſity on or concerning future accidents, but admit me, as others have before, to give my aſtrological conjectures, which have for many years been aſſerted with great verities: for Plotinus was wont to ſay, *Effectus infra lunam pæne omnes a cælo ſignificari*, all things below the Moon were in a manner fully ſignified or diſcovered by the heavens; and Avicen, that was no friend to aſtrology, affirmed, *Cælum eſt animal obediens*, heaven is a creature obedient to God, and ſo I ſpeak a word or two of this ingreſs: the aſpects now do not look favourable as at the tropical ingreſs they did; ſo that it is now to be feared that if thoſe good poſitions which did then attend us have not, by this time, happily had ſome good ſucceſs in healing ſome former diſputes and differences, I am afraid this will hardly effect it. As Mars doth afflict the ſeventh houſe, by his proximity, as being within 3 degrees of the cuſp thereof, we may reaſonably hope the miſchief threatened by him to fall upon our enemies; the Sun and Venus in the ninth, and Jupiter in his domal dignities in the fourth, are good poſitions in the general, and happily ſecures us from the inſults and menaces threatened by thoſe two malevolent planets: but in thoſe countries where they fall, it is to be feared their calamities will be very great; but I ſhall ſubſcribe to the opinion of that famous mathematician and aſtrologer, Petrus Pilatus, who, in his Preface to his Diaria, giveth out this learned judgment; Among the ſorts of future events,

events, as the moving of heaven, the riſing and ſetting of ſigns, the conjunction of planets, and eclipſes of Sun and Moon, and ſuch like, in which points is an infallible and indeterminate certainty, in reſpect of moment, and all hindrances are removed from them every way, unleſs God's predominent will and divine providence ſhall ſtay them miraculouſly and extraordinarily, which nevertheleſs uſeth ordinary and the natural inſtruments, with much more, importing the ſame concluſions, his only exception is, unleſs ſecondary cauſes be ſtrangely foreſtalled, of the principal and firſt cauſe, which is God. The diſeaſes incident to this quarter proceed from a cold cauſe, as the megrim, wind, cholic, cold rheums, coughs, pleuriſies, pains in the back, yellow jaundice, and peſtilence in many parts of the world; and ſo I conclude my obſervations with theſe poetical lines:

Winter adieu, and welcome pleaſant ſpring,
Wherein the pretty birds do chirp and ſing;
Among the buds, as if they'd paſs their word,
Trees ſhall to them, and us, much fruit afford:
So joyful are they now in every field,
As if they knew they will great plenty yield;
And may not we, on better grounds then they,
Caſt all diſtracting fears and cares away.

III. *Of the Summer Quarter.*

THIS begins at ſuch time as the Sun enters the Tropic of Cancer, which this year happens on Thurſday, the 21ſt of June, at 9 minutes before noon, when 28 degrees of Gemini is on the medium cœli, and 28 degrees of Virgo aſcends, Saturn is in the eleventh, Jupiter in the third, Mars in the eighth, the Moon in the ninth, the Sun, Venus, and Mercury in the medium cœli; thus are the heavens poſited at this ingreſs. Now the late oppoſition of the Sun and Jupiter will cauſe ſome difference about religious matters: ſome one of the long robe degraded, and much under-hand dealing; but, from the poſition of the Sun, Venus, and Mercury in the medium cœli, we conjecture that the ſtate affairs, as to all manner of public buſineſs, *viz.* trade and commerce, are now, about this time, in a more flouriſhing condition than heretofore, and are like to continue, to the advantage and honour

honour of the Britiſh nation. The diſeaſes that are like to be this quarter will be over-heating of blood, by intemperate ſports and paſtimes, peſtilential fevers, alſo choloric diſtempers, ariſing from putrefaction of blood; which brings me to conſider the autumnal quarter.

Sol now in glory brings the longeſt day,
But ſoon returns, he makes no ſtop nor ſtay:
Let each induſtrious hand in time provide
A fit ſupply againſt cold winter's tide.
All things ſpeak plenty now, and you thereby
May ſatisfy your taſte, as well as eye.
What in the ſpring received a new birth,
Is now produc'd full ripe by mother earth;
So we proceed to the autumnal fall,
Which brings the latter fruit. Praiſe God for all.

Finis coronat opus.

IV. *Of the Autumnal Quarter.*

WHICH commences on Sunday, the 23d of September, at 15 minutes paſt 1 mane, at which time 20 degrees of Aries culminates, and 10 degrees of Leo aſcends. Jupiter in the fifth and Mars, in oppoſition to him from the eleventh; the Sun in the third, Venus, Mercury, and the Moon in the fourth, Saturn in the aſcendent; the Moon haſtening from the body of Venus, and ſquare of Saturn to void of courſe: thus are the heavens poſited at this ingreſs. Now from the influences, at this time, we have hopes of ſome good approaching; and that there are perſons fitly adapted to bring it to paſs; and Mars doth well denote Saturn and Leo in his detriment, and, in the aſcendent, bids Italy and Rome beware. It would make a man laugh to ſee a cardinal turn proteſtant. It was the devil that firſt taught that doctrine of divide and reign, and now as the dark-lanthorned ſaints will be at work, conſulting how to undermine the church, forgetting that it is built upon a rock, and that the gates of hell ſhall never prevail againſt her; he that ſets them to work will certainly pay them their wages. The diſeaſes of this quarter are ſuch as affiict the heart, conſumption of the inward parts, noiſome vapours, &c. with diſtempers incident to the knees. And thus I end my obſervations for this year with God preſerve our gracious king and queen, and grant them a long and happy reign over theſe realms, and eternal happineſs hereafter. Let us all ſay, Amen. The

The Sun towards the ſouthern tropic poſts away,
And nights do now grow longer than the day.
The earth grows faint, having paid nature's due,
Trees, plants, and herbs begin to languiſh too:
All now becomes to the cold a ſacrifice,
And every plant and tree ſeemingly dies.
The woods and trees lay by their ſummer's green,
And, in ſhort time, no ſuch a thing is ſeen.
The trees and plants are nip'd with dire froſt,
Then winds do bluſter, and the ſea is toſs'd:
Theſe ne'er reſiſt, but paſſively obey;
Submit to power, 'tis power preſcribes the way:
Thus nature plays her part; and cannot we,
Poor reſtleſs mortals! all as well agree.
Come, let's unite, and let us all now ſing,
And pray God keep the church, and bleſs the king.
Farewel, my little book, take thy fate,
And pleaſe, if poſſible, 'till out of date.
The year concludes, Time will for no man ſtay,
But circulates, and ſo doth paſs away.
May mutual love amongſt us much encreaſe,
And all thoſe puniſh'd that diſturb our peace:
Then in my next I better things ſhall tell,
Mean time, God bleſs us all; readers, farewel.

F I N I S.

*** Truly prepared and ſold at Pickworth, in the county of Rutland, by Mrs. Wing, the widow of the late ingenious Tycho Wing, Gent, the genuine, and, as far as art can preſcribe, the infallible medicine for all ſorts of agues, whether quotidian, or other day ague, or tertian, or quartan or any other.

N. B. This medicine has been ſold by the family for many years paſt, and has done numbers of cures beyond other remedies.

*** At Royſton, in Herts, are taught the following, viz. Writing, in all the moſt uſual hands; Arithmetic through all it's different rules, both vulgar and decimal, duodecimal and logarithmetical, with it's application to trade and commerce. Menſuration, in all it's branches; alſo ſurveying gauging, dialling, coſmography, practical aſtronomy, the uſe of the globes, and maps, &c. &c. by H. Andrews, Philomath.

*** Lands ſurveyed, divided and incloſed, and maps thereof fairly delineated, and timber and polewood ſurveyed, valued and ſold, by Vincent Wing, of Pickworth, in the county of Rutland; and Thomas Wright, of Eaton, in the county of Leiceſter, practitioners in the Mathematics.

Parker's
EPHEMERIS
For the YEAR of Our LORD
1770.

Being the Second after Biſſextile or Leap-Year.

The EIGHTY FIRST IMPRESSION.

LONDON:
Printed by T. PARKER, for the Company of
STATIONERS.
[PRICE NINE-PENCE ſtitched.]

March hath xxxi Days.

First quarter 4 day at 9 night
Full moon 11 day at 4 aftern.
Laſt quart. 19 day at 10 morn.
New moon 27 day at 6 morn.

M. D.	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
1	David	8A.54	10A.31
2	Chad	3 48	11 47
3		4 43	Morn.
C	1 Sund. in Lent	5 41	1 0
5	Dei. Hone Lætin	6 39	2 5
6		7 40	3 0
7	Embet Week	8 38	3 44
8		9 34	4 18
9		10 27	4 47
10		11 18	5 13
C	2 Sund. in Lent	Morn.	) riſes
12	Gregory	0 7	7A.2:
13		0 56	8 38
14		1 44	9 51
15		2 33	10 59
16		3 24	Morn.
17	St. Patrick	4 12	0 3
C	3 Sund. in Lent	Edw. K.	W. Sp.
19		5 50	1 48
20		6 38	2 30
21	Benedict	7 26	3 5
22		8 13	3 37
23		8 59	3 58
24		9 44	4 19
C	Midlent Sunday	Lady Day	
26		11 15	5 1
27		0A. 5	) ſets.
28		0 57	8A.22
29		1 50	9 40
30		2 46	10 56
31		3 44	Morn.

April hath xxx Days.

First quarter 3 day at 3 morn.
Full moon 10 day at 4 morn.
Laſt quarter 18 day at 5 morn.
New moon 25 day at 5 aftern.

M. D.	Sundays and Saints Daysq &c.	Moon South.	Moon ſets.
C	4 Sund. in Lent	4A.43	9M 5
2		5 42	1 3
3	Richard	6 42	1 50
4	St. Ambroſe	7 36	2 25
5	Old Lady Day	8 28	2 58
6	Cand. Term ends	9 20	3 24
7	Ox. Term ends	10 8	3 47
C	Palm Sunday	10 56	4 9
9		11 43	4 30
10		Morn.	) riſes.
11		0 33	8A.49
12	Maundy Thurſd.	1 22	9 55
13	Good Friday	2 11	10 56
14		3 1	11 49
C	Eaſter Day	3 51	Morn.
16	Eaſter Monday	4 39	0 34
17	Eaſter Tueſday	5 27	1 10
18		6 14	1 40
19	Alphage	6 58	2 7
20		7 43	8 28
21		8 30	2 50
22	Low Sunday	9 16	3 10
23	St. George	10 3	3 31
24		10 52	3 53
25	St. Mark	Ox. & C. T. ke	
26		0A.41	) ſets.
27		1 41	9A.58
28		2 42	11 4
C	2 Sun. aſ. Eaſter	3 43	11 56
30		4 43	Morn.

For Law's the Wiſdom of all Ages,
And manag'd by the ableſt Sages;
Who tho' their Buſ'neſs at the Bar
Be but a kind of Civil War,

January hath xxxi Days.

First quarter 5 day at 1 morn.
Full moon 11 day at 5 night
Laſt quarter 18 day at 5 night
New moon 26 day at 11 night

M. D.	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
1	Circumciſion	3A.14	8A.55
2		3 59	10 5
3		4 42	11 16
4		5 28	Morn.
5	Old Chriſtm Day.	6 18	0 30
6	Twelfth	7 10	1 46
7	Sunday aft. Epiph.	8 6	3 3
8	Plow Monday	9 7	4 22
9		10 9	5 33
10		11 12	6 33
11		Morn.	☽ riſes.
12	Old New-year's d.	0 13	5A.40
13	Camb. Term beg.	Hilary	7 4
14	3 Sunday Epiph.	2 5	8 26
15	Oxford Term beg.	2 54	9 [illegible]
16		3 42	10 57
17	Old Twelfth day	4 28	Morn.
18	Q. Char. B. D. kept	5 12	0 9
19		5 58	1 19
20	Fabian	6 43	2 25
21	3 Sund. aft Epiph.	Agnes	3 27
22		8 21	4 25
23	Term begins	9 11	5 15
24		10 0	5 56
25	Conv. of St. Paul	10 46	6 31
26		11 32	☽ ſets.
27		0A.19	5A.25
28	4 Sund. aft. Epiph.	1 4	6 36
29		1 48	7 45
30	K. Char. I. Mar	2 31	8 57
31		3 18	10 9

February hath xxviii Days.

First quarter 3 day at noon
Full moon 10 day at 4 morn.
Laſt quart. 17 day at 1 aftern.
New moon 25 day at 4 aftern.

D.	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
☽		4A. 6	11A.24
2	Purif. B. V. Mary	4 56	Morn.
3	Blaſe	5 50	0 41
☌	5 Sund. aft. Epiph.	6 47	1 56
5	Agatha	7 47	3 7
6		8 47	4 12
7		9 48	5 3
8		10 46	5 45
9		11 42	6 17
10		Morn.	☽ riſes.
☿	Septua. ſ. Sunday	0 35	7A.10
12	Term ends	1 27	8 29
13	Old Candlem. day	2 14	9 44
14	Valentine	3 2	10 57
15		3 49	Morn.
16		4 37	0 5
17		5 26	1 11
☌	Sexageſima Sund	6 15	2 11
19		7 3	3 5
20		7 51	3 51
21		8 40	4 28
22		9 26	4 59
23		10 12	5 25
24	St. Matthias	10 55	5 45
☿	Shrove Sunday	11 40	☽ ſets.
26		0A.30	6A.4
27	Shrove Tueſday	1 17	7 [illegible]
28	Aſh Wedneſday	2 4	9 [illegible]

'Tis Law that ſettles all you do,
And marries where you did but woo;
That makes the moſt perfidious Lover
A Lady that's as falſe recover.

July hath xxxi Days.

Full moon 7 day at midn.
Laſt quarter 15 day at 1 night
New moon 22 day at 4 aftern.
Firſt quarter 29 day at noon

M. D.	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
G	3 Sun. aft. Trin.	7 A. 8	11 A. 53
2	Viſit. B. V. M.	7 57	Morn.
3	Camb. Commen.	8 45	0 22
4	Term ends	9 32	0 58
5	Old Mid. Day	10 21	1 38
6	Cam. Term ends	11 9	2 2
7	Thomas à Becket	11 57	Rises.
G	4 Sun. aft. Trin.	Morn.	8 A. 11
9	Oxford Act	0 45	8 37
10		1 28	8 58
11		2 11	9 18
12		2 54	9 38
13		3 36	9 57
14	Oxf. Term ends	4 20	10 17
G	5 Sun. aft. Trin.	Swith.	10 40
16		5 52	11 7
17		6 43	11 41
18		7 39	Morn.
19		8 38	0 26
20	Margaret	9 39	1 24
21	6 Sun. aft. Trin.	10 42	2 35
22		Q. Denmark b.	
23		0 A. 45	☽ ſets.
24		1 41	8 A. 23
25	St. James	2 34	8 46
26	St. Anne, Mother	3 24	9 9
27	of the B. V. Mary	4 13	9 31
28		5 1	9 56
29	7 Sun. aft. Trin.	5 49	10 23
30	Dog-days begin	6 38	10 56
31		7 27	11 35

Auguſt hath xxxi Days.

Full moon 6 day at 3 aftern.
Laſt quart. 14 day at 8 morn.
New moon 20 day at 11 night
Firſt quart 28 day at 2 morn.

M. D.	Sundays and Saints Days, &c.	Moon South.	Moo ſets.
1	Lammas Day	8 A. 17	Morn.
2		9 5	0 21
3		9 53	1 15
4		10 40	2 14
G	8 Sun. aft. Trin.	11 25	3 16
6	Transfiguration	Morn.	☽ riſes.
7		0 9	7 A. 24
8		0 52	7 44
9		1 36	8 4
10	St. Lawrence	2 19	8 25
11	Pr. Bruns. born	3 4	8 46
G	9 Sun. aft. Trin.	Pr. Wales born	
13		4 40	9 44
14		5 32	10 24
15	Aſſump. B. V. M.	6 28	11 13
16	Pr. Fred. born	7 27	Morn.
17		8 27	0 16
18		9 28	1 30
G	10 Sun. aft. Trin.	10 27	2 52
20		11 25	☽ ſets.
21	Pr. Will. Hen. b.	☉ A. 22	6 A. 50
22		1 16	7 14
23		2 6	7 37
24	St. Bartholomew	2 56	8 3
25		3 47	8 30
G	11 Sun. aft. Trin.	4 37	9 2
27		5 27	9 39
28	St. Auguſtine	6 16	10 24
29	Decol. St. J. Bapt.	7 5	11 15
30		7 54	Morn.
31		8 4	0 11

Or by their Controverſies, leſſen
The Dignity of their Profeſſion:
For Lawyers have more ſober Senſe
Than t'argue at their own Expence;

September hath xxx Days.

Full moon 5 day at 6 morn.
Laſt quart. 12 day at 3 aftern.
New moon 19 day at 8 morn.
Firſt quart. 26 day at 8 night

M. D.	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
1	Giles	9A.27	1M11
S	12 Sun. af. Trin.	Lon.b.1666OS.	
3		10 57	3 22
4		11 41	4 29
5		Morn.	☽ riſes.
6		0 25	6A.39
7	Dog-days end	1 9	7 0
8	Nat. B. V. M.	1 56	7 27
G	13 Sun. af. Trin.	2 46	7 56
10		3 37	8 33
11		4 31	9 19
12		5 28	10 16
13		6 27	11 23
14	Holy Croſs Day	7 25	Morn.
15		8 23	0 38
S	14 Sun. af. Trin.	9 19	1 58
17	Lambert	10 14	3 20
18		11A. 9	4 43
19	Ember Week	0 2	☽ ſets.
20		0 52	6A.11
21	St. Matthew	1 43	6 39
22	K. Geo. III. cr.	2 34	7 10
G	15 Sun. af. Trin.	3 25	7 45
24		4 17	8 28
25		5 7	9 16
26	St. Cyprian	5 56	10 10
27		6 46	11 11
28		7 33	Morn.
29	St. Michael	P.Ch.A.M.b.	
G	16 Sun. af. Trin.	9 1	1 19

October hath xxxi Days.

Full moon 4 day at 8 night
Laſt quart. 11 day at 10 night
New moon 18 day at 7 night
Firſt quart. 26 day at 4 aftern

M. D.	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
1	Remigius	9A.45	2M24
2		10 29	3 32
3		11 15	4 40
4		Morn.	☽ riſes.
5		0 1	5A.39
6	Faith	0 50	6 6
G	17 Sun. af. Trin.	1 40	6 43
8		2 35	7 26
9	St. Denys	3 32	8 20
10	Oxf. & Cam. T. b.	Old Mich. Day	
11		5 29	10 37
12		6 26	11 53
13	Tr. K. Edw. Conf.	7 22	Morn.
G	18 Sun. af. Trin.	8 15	1 11
15		9 7	2 31
16		9 57	3 49
17	Etheldred	10 47	5 1
18	St. Luke	11 38	☽ ſets
19		0 30	5A.1
20		1 21	5 4
G	19 Sun. af. Trin.	2 13	6 2
22		3 4	7 1
23		3 55	8
24		4 44	9
25	K. Geo. III. In.	Criſpin	10
26	K. Geo. III. Proc.	6 10	11 1
27		7 0	Morn.
G	20 Sun. af. Trin.	St. Sim. & J. d	
29		8 26	1 2
30		9 11	2 2
31		9 57	3 3

But make their beſt Advantages
Of others Quarrels, like the Swiſs;
And out of foreign Controverſies,
By aiding both Sides, fill their Purſes:

November hath xxx Days.

Full moon 3 day at 9 morn.
Laſt quart. 10 day at 5 morn
New moon 17 day at 10 morn.
Firſt quart. 25 day at 1 aftern.

D	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
1	All Saints	10A.45	4M49
2	Pr. Edward born	AllSou.	6 3
3		Morn.	☽riſes.
G	21 Sun. af. Trin	0 29	5A.24
5	PapiſtsCon piracy	1 26	6 16
6	Term begins	Leona.	7 18
7	D. of Cumb. born	3 26	8 29
8	Prs. SophiaAnn. b.	4 21	9 45
9	Lord Mayor's Day at London	5 18	11 5
10		6 12	Morn.
G	22 Sun. af. Trin.	Martinmas	
12		7 54	1 39
13	Britius	8 44	2 55
14		9 31	4 10
15	Machutus	10 20	5 23
16		11 12	6 34
17	Hugh Bp. of Linc.	0A. 4	☽ſets.
G	23 Sun. af. Trin.	0 54	5 4
19		1 45	5 56
20	Edmund K. & M.	2 33	6 52
21		3 20	7 52
22	Old Mart. Day	4 7	8 54
23	St. Clement	4 51	9 57
		5 34	11 2
G	24 Sun. af. Trin	D. of Glouc. b.	
26		7 0	0 8
27		7. 44	1 15
28	Term ends	8 28	2 23
29		9 17	3 33
30	St. Andrew	Prs. Da. Wal. b.	

December hath xxxi Days.

Full moon 2 day at 10 night
Laſt quarter 9 day at 1 aftern.
New moon 17 day at 3 morn.
Firſt quarter 25 day at 8 morn.

D	Sundays and Saints Days, &c.	Moon South.	Moon ſets.
1		11A.55	6M44
G	Advent Sunday	Morn.	☽riſes.
3		0 4	4A.54
4		1	6 4
5		2 6	7 20
6	Nicolas	3 4	8 41
7		4 0	10 1
8	Concept. B.V.M.	4 53	11 19
G	2 Sund. in Advent	5. 44	Morn.
10		6 33	0 35
11		7 21	1 50
12		8 9	3 2
13	Lucy	8 57	4 12
14		9 47	5 21
15		10 37	6 24
G	3 Sund. in Advent	11 28	7 19
17	Ox. & Cam. T. end	0A. 17	☽ſets.
18		1.	5A.30
19	Ember Week	1 51	6 31
20		2 36	7 34
21	St. Thomas	Shorteſt Day	
22		4 1	9 43
G	4 Sund. in Advent	4 43	10 46
24		5 25	11 53
25	Chriſtmas Day	6 8	Morn.
26	St. Stephen	6 54	1 1
27	St. John Evang.	7 43	2 10
28	Holy Innocents	8 36	3. 23
29		9. 32	4. 35
30	Sun. af. Chriſtm.	10 32	5 44
31	Silveſter	11 33	6 46

But have no Int'reſt in the Cauſe
For which th' engage, and wage the Laws;
Nor farther Proſpect than their Pay,
Whether they win or loſe the Day.

Of the FOUR QUARTERS *of the* YEAR 1770.

THE SPRING QUARTER begins on the 20th Day of *March*, 21 Minutes after 1 in the Afternoon, Apparent Time.

The SUMMER QUARTER begins *June* 21, 9 Minutes paſt Noon.

The AUTUMNAL QUARTER begins *Sept.* 23, 49 Minutes paſt 1 in the Morning.

The WINTER QUARTER begins *Dec.* 21, 34 Minutes paſt 5 at Night.

Of the ECLIPSES *this* YEAR, 1770.

THERE will be but two Eclipſes, which will happen in the following Order:

The firſt Eclipſe is of the Sun, and will happen on *Friday*, the 25th of *May*, near our 2 o'Clock in the Morning; conſequently inviſible to us, and to all theſe Parts of the Globe.

The ſecond Eclipſe is likewiſe of the Sun, and will happen on *Saturday*, the 17th Day of *November*, near our 10 o' Clock in the Morning; but will be inviſible to us, and to all theſe Parts of the Earth.

Altho' at the Time of this laſt Eclipſe the Sun will have a conſiderable Altitude above our Horizon, yet the Moon's South Latitude being augmented by her Southern Parallax of Latitude, will depreſs her too low to eclipſe any Part of the Sun's Body.

Of the Sun's Horizontal Parallax, *and* Diſtance *from the* Earth.

CConcerning the Diſtance between the Sun and the Earth there is a great Diſagreement between the former and latter Aſtronomers, occaſioned by the Diſagreement between their Obſervations of the Sun's Horizontal Parallax (which is equal to the Earth's Semidiameter viewed at the Sun) *Tycho* making it 3 Minutes, *Kepler* but 1, *Bullialdus* 2 Minutes 21 Seconds, and *Riccioli* but 28 Seconds. Conſequently the Diſtances ariſing from hence are leſs than thoſe of the latter Aſtronomers. The very ingenious and accurate Monſ. *De La Hire*, in his *Tabul. Aſtron.* thinks the Sun's Horizontal Parallax to be not above 6 Seconds, and his Diſtance therefore to be 34377 Semidiameters of the Earth. But although his Obſervations were made ſince, yet I ſhall make uſe of Monſ *Caſſini*'s Number, being deduced from very ingenious and accurate Obſervations of the Parallax of *Mars*, and agreeing nearly with the Determination of two great Men, Mr. *Flamſted* and Mr. *Huygens*, and I may add Dr. *Halley* too, who make it about 10 or 12,000 Diameters of the Earth. That great Aſtronomer aſſigns a Number between them, in his *Les Elemens de L' Aſtron.* Sect. 37, That the Sun's Parallax being ſuppoſed to be 9 ½ Seconds, gives the Diſtance of the Sun from the Earth 21,600 Semidiameters of the Earth, which are equal to 86,051,398 *Engliſh* Miles; and imagining the *Magnus Orbis* to be a Circle, (which is an Ellipſis not much differing from a Circle) the Double of that Number is the Length of its Diameter, *viz.* 172,102,795 *Engliſh* Miles.

A Table

A TABLE of the KINGS and QUEENS of England since the Conquest.

Kings and Queens.	Born A.D.	Began their Reign.	Reigned Y.	M	D.	Age.	Remarkable Deaths and Dethron.	Where Buried.
Will. Conq.	1027	1066 Oct. 14	20	10	20	60	Burst in Leap.	Caen, Norm
Will. Rufus	1057	1087 Sept. 9	12	10	24	43	Slain accidentally.	Winchester
Henry I	1058	1100 Aug. 2	35	4	0	77		Reading
Stephen	1105	1135 Dec. 1	18	10	24	49		Feversham
Henry II	1134	1154 Oct. 25	34	8	12	55		Fonteveraud
Richard I	1156	1189 July 6	9	9	0	43	Slain with an Arrow.	Fonteveraud
John	1166	1199 April 6	17	6	13	50		Worcester
Henry III	1207	1216 Oct. 19	56	0	28	65		Westminster
Edward I	1239	1272 Nov. 16	34	7	21	67		Westminster
Edward II	1284	1307 July 7	19	6	13	43		Glocester
Edward III	1312	1327 Jan. 20	50	5	1	65		Westminster
Richard II	1366	1377 June 21	22	3	8	33	Dep. & murd.	Westminster
Henry IV	1367	1399 Sept. 29	13	5	21	46		Canterbury
Henry V	1389	1413 Mar. 20	9	5	11	33		Westminster
Henry VI	1421	1422 Aug. 31	38	6	4	49	Dep. & murd.	Windsor
Edward IV	1442	1461 Mar. 4	22	1	5	41		Windsor
Edward V	1471	1483 April 9	0	2	15	12	Murder'd.	Not known
Richard III	1443	1483 June 22	2	2	0	42	Slain in Battle.	Leicester
Henry VII	1457	1485 Aug. 22	23	8	0	52		Westminster
Henry VIII	1492	1509 April 22	37	9	6	55		Windsor
Edward VI	1537	1547 Jan. 28	6	5	9	15		Westminster
Mary I	1516	1553 July 6	5	4	11	42	Died of Grief.	Westminster
Elizabeth	1533	1558 Nov. 17	44	4	7	69		Westminster
James I	1566	1603 Mar. 24	22	6	3	58		Westminster
Charles I	1600	1625 Mar. 27	23	10	3	48	Murder'd by Villains.	Windsor
Charles II	1630	1649 Jan. 30	36	0	7	54		Westminster
James II	1633	1685 Feb. 6	4	0	7	67	Abdicated.	St. Germain
Mary II	1662	1689 Feb. 13	5	10	15	32		Westminster
William III	1650	1689 Feb. 13	13	0	23	52	Kill'd by a Fall from his Horse.	Westminster
Anne	1665	1702 Mar. 8	12	4	24	49		Westminster
George I	1660	1714 Aug. 1	12	10	10	67		Hanover
George II	1683	1727 June 11	33	4	14	77		Westminster
George III	1738	1760 Oct. 25	Whom GOD preserve.					

The Presidents of the several Hospitals of LONDON.

Sir Robert Ladbroke,
Sir Thomas Rawlinson,
Sir Richard Glyn,
William Nash, Esq; } President of { Christ Church Hospital.
St. Bartholomew's Hosp
Bethlem and Bridewell
St. Thomas's Hospital.

A brief

A brief Chronology of memorable Things to the preſent Year 1770.

Since the vaſt Fabrick of the World was founded	5820
Since *Noah*'s Flood by which the World was drowned	4162
Since Fire and Brimſtone *Sodom* did deſtroy	3062
Since the Deſtruction of renowned *Troy*	2952
Since ancient *London* was by *Lud* erected	2877
Since *York*'s firſt Plat and Building was effected	2759
Since *Canterbury*'s Baſis firſt was laid	2662
Since *Rome*'s firſt Wings o'er ſeven *Hills* were ſpread	2522
Since *Jeſus Chriſt* at *Bethlehem* was born	1770
Since crucify'd with Cruelty and Scorn	1737
Since *England* firſt the *Chriſtian Faith* receiv'd	1690
Since *London*'s Tower was built (as 'tis believ'd)	1205
Since *England*'s Conqueror this Nation won	704
Since to be built *Weſtminſter-Hall* begun	680
Since *London-Bridge* was finiſhed with Stones	561
Since the Invention of deſtructive *Guns*	392
Since the firſt Uſe of *Printing* was inſpired	311
Since St. *Paul*'s Steeple was by Lightning fired	209
Since that vile Project *Guido Vaux*'s Plot	209
Since th' *Iriſh Maſſacre*, not yet forgot	164
Since noble *Strafford* on the Scaffold fell	129
Since *Edge-Hill* Fight, whereof loud Fame doth tell	128
Since *Cheapſide-Croſs* was by the *Saints* pull'd down	127
Since *Moſes*'s Tables were of mean Renown	127
Since *Newbury* Fight with Crimſon dy'd the Field	127
Since Pious *Laud* to Martyrdom did yield	126
Since good King *Charles* reſign'd his Royal Head	121
Since Virtue, Truth and Juſtice all lay dead	121
Since *George Fox* firſt began the *Quakers* Sect	120
Since *Nol* uſurp'd the Power to protect	116
Since Death and Vengeance did for *Cromwell* call	112
Since *Dick* his Son did from his Greatneſs fall	111
Since *Charles* the Second to *White-Hall* return'd	110
Since good Men for't rejoyc'd, and Rebels mourn'd	110
Since Rebels were at *Charing-Croſs* diſſected	110
Since *London* was with the great Plague infected	105
Since *London*'s dreadful Fire in *September*	104
Since the great Blazing Comet in *December*	103
Since the vile Plot at *Rye Houſe* was detected	87
Since Booths and Stalls were on the *Thames* erected	86
Since the fam'd *Oates* for Perjury was ſtripp'd of's Prieſtly Habit, and through *London* whipp'd	85

Since

Since *James* the Second did the Throne aſcend	85
Since he to *Monmouth*'s Treaſon put an End	84
Since the ſeven Biſhops to the *Tower* were ſent	82
Since the Lord *Jefferies* thither alſo went	82
Since the Prince of *Orange* landed at *Torbay*	82
Since late King *James* to *France* did make his Way	82
Since *William* and *Mary* at *Weſtminſter* were crown'd	81
Since War with *France* the Trumpet loud did ſound	81
Since ſuch vaſt Numbers at the *Boyne* were ſlain	80
Since *French* and *Iriſh* Gore did *Agrim* ſtain	79
Since *Mary* our Queen pale Death did ſurround	76
Since he gave *Glouc'ſter*'s Duke a mortal Wound	70
Since Great Queen *ANNE* unto the Throne aſcended	68
Since War proclaim'd with *France* which now is ended	68
Since the late High Wind in the Month *November*	67
Since *Blenheim* Fight, which well the *French* remember	66
Since *EMES* the Prophet was in his Grave interr'd	63
Since his ſham Reſurrection plain appear'd	62
Since the *Two* Kingdoms did in *One* unite	62
Since fatal Death depriv'd Prince *George* of Sight	62
Since that fam'd Prieſt *Sacheverel* was try'd	60
Since that great Surgeon Serjeant *Barnard* dy'd	60
Since *Ormond*'s Duke our General became	58
Since *France* gave *Dunkirk* to *ANNE* our Royal Dame	58
Since *Hamilton*'s Duke in Duel loſt his Life	58
Since *ANNA*'s Death renew'd our factious Strife	56
Since *Perkin* did the *Scottiſh* Realm accoſt	55
Since Traitors Hopes in *Preſton* Fight were loſt	55
Since haughty *Spain* *Gibraltar* did blockade	43
Since at *Sevilla* a ſham Peace was made	41
Since *Spain* revok'd the Peace of *Seville*	39
Since *Germans*, *Dutch*, and *Britons* did agree	39
Since *Spain* in the *Vienna* Treaty join'd	39
Since our broad Gold was into Guineas coin'd	37
Since we with *Spain* an open War procla m'd	31
Since *Porto Bel.*' was taken and unfram'd	31
Since the great Froſt that ſtarv'd both Beaſt and Man	30
Since *Britiſh* Valour ſhone at *Dettingen*	27
Since *Perkin* Junior this our Realm annoy'd	25
Since brave Duke *William* his raſh Scheme deſtroy'd	24
Since Peace proclaim'd with *France* and haughty *Spain*	21
Since Trade reviv'd and flouriſhed again	21
Since *GEORGE* the Second's glorious Reign was ended	10
Since *GEORGE* the Third the *Britiſh* Throne aſcended	10
Since *GEORGE* the Third made bloody Wars to ceaſe All o'er the Globe, and made a glorious PEACE.	7

A TABLE

A TABLE of the LORD MAYORS and SHERIFFS of *London*, from the Revolution to the Year 1769.

1688	Sir John Shorter	Sir *Bazil Firebraſs*, Sir *John Parſons*
1688	Sir John Eyles	No Freeman of *London*
1689	Sir John Chapman	Sir *Humphry Edwin*, Sir *John Fleet*
1690	Sir T. Pilkington	*Chriſtopher Lethulier*, Eſq; Sir *John Houblon*
1691	Sir T. Pilkington	Sir *Edward Clark*, Sir *Francis Child*
1692	Sir Thomas Stamp	*William Aſhurſt*, *Richard Levet*, Eſqrs.
1693	Sir John Fleet	Sir *Thomas Lane*, Sir *Thomas Cook*
1694	Sir William Aſhurſt	Sir *Thomas Abney*, Sir *William Hedges*
1695	Sir Thomas Lane	Sir *John Sweetapple*, Sir *William Cole*
1696	Sir John Houblon	Sir *Edward Wills*, Sir *Owen Buckingham*
1697	Sir Edward Clark	Sir *John Wolf*, *Samuel Blewet*, Eſq;
1698	Sir Humphry Edwin	Sir *Bart. Gracedieu*, *James Collet*, Eſq;
1699	Sir Francis Child	Sir *William Gore*, Sir *Joſeph Smart*
1700	Sir Richard Levet	Sir *Charles Duncomb*, Sir *Jeffery Jefferies*
1701	Sir Thomas Abney	Sir *Robert Beachcroft*, Sir *Henry Furneſt*
1702	Sir William Gore	Sir *W. Withers*, Sir *P. Floyer*, Sir *J. Bateman*
1703	Sir Samuel Daſhwood	Sir *Robert Bedingfield*, Sir *Samuel Garrard*
1704	Sir John Parſons	Sir *Gilbert Heathcote*, Sir *Joſeph Wolfe*
1705	Sir O. Buckingham	Sir *John Buckworth*, Sir *W. Humphrys*
1706	Sir T. Rawlinſon	Sir *Charles Thorold*, Sir *Samuel Stanier*
1707	Sir R. Bedingfield	Sir *William Benſon*, Sir *Ambroſe Crawly*
1708	Sir Will. Withers	Sir *Benjamin Green*, Sir *Charles Peers*
1709	Sir Chs. Duncombe	*Charles Hopſon*, Eſq; Sir *Richard Gny*
1710	Sir Samuel Garrard	Sir *Richard Hoare*, *Robert Dunck*, Eſq;
1711	Sir Gilbert Heathcote	Sir *George Thorold*, *Francis Eyles*, Eſq;
1712	Sir Robert Beachcroft	Sir *John Caſt*, Sir *William Stewart*
1713	Sir Richard Hoare	Sir *William Lewen*, Sir *Samuel Clarke*
1714	Sir Samuel Stanier	Sir *Francis Forbes*, Sir *Joſeph Sherp*
1715	Sir Will. Humphrys	Sir *Robert Breeden*, Sir *Randolph Knipe*
1716	Sir Charles Peers	Sir *John Ward*, Sir *John Fryer*
1717	Sir James Bateman	Sir *Gerard Conyers*, *Charles Cook*, Eſq;
1718	Sir William Lewen	Sir *Peter Delme*, Sir *Harcourt Maſters*
1719	Sir John Ward	Sir *John Bull*, *Thomas Ambroſe*, Eſqs
1720	Sir George Thorold	Sir *John Eyles*, Bart. Sir *John Taſh*
1721	Sir John Fryer	Sir *George Caſwell*, *William Billers*, Eſq;
1722	Sir William Stewart	Sir *George Mertins*, *Edward Becher*, Eſq;
1723	Sir Ger. Conyers	*Humphry Parſons*, *Francis Child*, Eſqrs.
1724	Sir Peter Delme	Sir *R. Hopkins*, *F. Feaſt*, *E. Bellamy*, Eſqrs.
1725	Sir George Mertins	Sir *Joſeph Eyles*, *Robert Baylis*, Eſqs
1726	Sir Francis Forbes	*F. Porteen*, *J. Murden*, *J. Thompſon*, Eſqrs.
1727	Sir John Eyles *Bt.*	Sir *John Lock*, Sir *William Oſborn*

Sir

A List of Lord-Mayors and Sheriffs, &c.

1728	Sir Edward Becher	Sir *John Grosvenor*, Sir *Thomas Lombe*
1729	Sir Robert Baylis	*Richard Brocas*, *Richard Levet*, Esqrs.
1730	Sir Richard Brocas	*J. Barber*, Esq; Sir *John Williams*
1731	Humph. Parsons, *Esq;*	*John Fuller*, Esq; Sir *Isaac Shard*
1732	Sir Francis Child	*Samuel Russel*, *Thomas Pindar*, Esqrs.
1733	John Barber, *Esq;*	Sir *Henry Hankey*, *Robert Alsop*, Esq;
1734	Sir William Billers	*Robert Westley*, *Daniel Lambert*, Esqrs.
1735	Sir Edward Bellamy	*Micajah Perry*, Esq; Sir *John Salter*
1736	Sir John Williams	Sir *John Barnard*, Sir *Robert Godschall*
1737	Sir John Thompson	Sir *William Rous*, *Benjamin Rawlin*, Esq;
1738	Sir John Barnard	Sir *G. Champion*, *T. Russel*, Esq; Sir *R. Cater*
1739	Micajah Perry, *Esq;*	*James Brooke*, *William Westbrook*, Esqrs.
1740	Sir John Salter	*George Heathcote*, Esq; Sir *J. Le Quesne*
1741	Hum. Parsons, *Esq;*	*Henry Marshall*, *Richard Hoare*, Esqrs.
1741	Sir Dan. Lambert,	
1742	Sir Robert Godschall	*Robert Willimot*, *William Smith*, Esqrs.
1742	Geo. Heathcote, Esq;	
1743	Sir Robert Willimot	*William Benn*, *Charles Egleton*, Esqrs.
1744	Sir Robert Westley,	*Robert Ladbroke*, *William Calvert*, Esqrs.
1745	Sir Henry Marshall,	*Walter Barnard*, *Samuel Pennant*, Esqrs.
1746	Sir Richard Hoare,	*John Blachford*, *Francis Cokayne*, Esqrs.
1747	William Benn, *Esq;*	*Thomas Winterbottom*, *Robert Alsop*, Esqrs.
1748	Sir Robert Ladbroke,	*Crisp Gascoyne*, *Edw. Davis*, Esqrs;
1749	Sir William Calvert,	*Thomas Rawlinson*, *Edward Ironside*, Esqrs.
1750	Sir Samuel Pennant,	*William Whitacre*, *Stephen Theodore Janssen*,
1750	John Blachford, Esq;	Esqrs.
1751	Francis Cokayne, Esq;	*William Alexander*, *Robert Scott*, Esqrs.
1752	T. Winterbottom, Esq;	*Slingsby Bethell*, *Marshe Dickenson*, Esqrs.
1752	Robert Alsop, Esq;	Sir *Charles Asgill*, Sir *Richard Glyn*
1753	Sir Crisp Gascoyne,	
1754	Edw. Ironside, Esq;	*Thomas Chitty*, *Matthew Blakiston*, Esqrs.
1754	T. Rawlinson, Esq;	
1755	Step. The. Janssen, Esq;	Sir *Samuel Fludyer*, Sir *John Toriano*
1756	Slingsby Bethell, Esq;	*William Beckford*, *Ive Whitbread*, Esqrs.
1757	Marshe Dickinson, Esq;	*William Bridgen*, *William Stevenson*, Esqrs.
1758	Sir Charles Asgill	*George Nelson*, *Francis Gosling*, Esqrs.
1759	Sir Richard Glyn	*George Dandridge*, *Alexander Master*, Esqrs.
1760	Sir Thomas Chitty	*Geo. Errington*, *Paul Vaillant*, Esqrs.
1761	Sir Matthew Blakiston	Sir *Robert Kite*, Sir *William Hart.*
1762	Sir Sam. Fludyer, *Bt.*	Sir *Nathaniel Nash*, Sir *John Cartwright.*
1763	William Beckford, Esq;	Sir *Thomas Challener*, Sir *Henry Banks.*
1764	William Bridgen, Esq;	Hon. *Thomas Harley*, *Richard Blunt*, Esq;
1765	Sir William Stephenson	*Brass Crosby*, Esq; Sir *Thomas Harris.*
1766	George Nelson, Esq;	*B. Kennet*, *B. Charlewood*, *B. Treacthick*, Esqrs.
1767	Sir Robert Kite	Sir *Robert Darling*, Sir *James Esdaile.*
1768	Hon. Thomas Harley	*Richard Peers*, *William Nash*, Esqrs.
1769	Samuel Turner, Esq;	*Thomas Hallifax*, *John Shakspeare*, Esqrs.

A Cata

A CATALOGUE of the Moſt Reverend, Right Reverend and Reverend, the Archbiſhops, Biſhops and Deans, exerciſing Eccleſiaſtical Juriſdiction in England, 1770.

Archbiſhops.	*Deans Names.*	*Sees Names.*
H. Dr. Fr. Cornwallis	Dr. John Potter	Canterbury
H. Dr. R. Drummond	Dr. John Fountayne	York
Biſhops.		
Dr Richard Terrick	Dr. Th. Newton	London
Hon. Dr. Rich. Trevor	Hon. Dr. S. Cowper	Durham
Dr. John Thomas	Dr. Jonath. Shipley	Winchester
Dr. Matthias Mawſon	Dr. Hugh Thomas	Ely
Dr. Edward Willes	Lord Fr. Seymour	Bath and Wells
Lord James Beauclerk	Dr. Francis Webber	Hereford
Dr. Zachary Pearce	Dr. Benj. Newcome	Rocheſter
Dr. Edmund Keene	Dr. William Smith	Cheſter
Dr. James Johnſon		Worceſter
Sir Wm. Aſhburnham	Thomas Ball, M. A.	Chicheſter
Dr. John Hume	Dr. Thomas Green	Saliſbury
Dr. John Egerton	Dr. J. Addenbrook	Litchfield and Cov.
Dr. Philip Yonge	Dr. Philip Lloyd	Norwich
Dr. Will. Warburton	Dr. Joſiah Tucker	Glouceſter
Dr. John Ewer	Dr. Thomas Lloyd	Bangor
Dr. John Green	H. Ja. York, A. M.	Lincoln
Dr Thomas Newton	Dr. Cutts Barton	Briſtol
H. Dr. Fred. Keppel	Dr. Jeremiah Milles	Exeter
Dr. Robert Lamb	Dr. Cha. Tarrant	Peterborough
Dr. Robert Lowth	Dr. Will. Markham	Oxford
Dr. Charles Moſs	J. Morgan, B. D. Pr.	St. David's
Dr Lawes	Dr. Thomas Wilſon	Carliſle
Dr. Jonath. Shipley	Dr. Will. Herring	St. Aſaph
Dr. S. Barrington	J. Fulham, A. M.	Landaff
	Dr. John Thomas	Weſtminſter
	Dr. Fred. Keppel	Windſor
Dr. Mark Hilderſley		Sodor and Man

The Names of the Learned Judges in the Law.

I. In the *Chancery.* { R. Hon. Lord *Camden*, Lord High Chancellor. R. H. Sir *Thomas Sewell*, Knt. Maſter of the Rolls.

II. In the *K. Bench.* { *Wm.* Lord *Mansfield*, L. C. J. Sir *Joſeph Yates*, Knt. Sir *Richard Aſton*, Knt. *Edward Willes*, Eſq;

III. In the *C. Pleas.* { R. H. Sir *Eardly Wilmot*, L. C. J. Sir *Ed. Clive*, Kt. Hon *Henry Bathurſt*. Sir *Henry Gould*, Knt.

IV. In the *Exchequer.* { Sir *T. Parker*, L. C. B. Sir *S. Stafford Smythe*. Sir *Richard Adams*, Knt. *George Perrott*, Eſq; *William Grey*, Eſq; Att. Gen. *John Dunne*, Eſq; Sol. Gen.

The Names of the Lord-Mayor and Aldermen of *LONDON*, and the Places of their Habitations, with the Wards under their Juriſdiction.

*Thoſe marked thus * have paſſed the Chair.*

The Right Hon. William Beckford, Eſq; LORD MAYOR, and Alderman of *Billingſgate Ward*, Manſion-Houſe, 1770.

* Sir Rob. Ladbroke, Knt. St. Peter's-hill	*Bridge Ward without*
* Robert Alſop, Eſq; Great-Marlbro'-ſtr.	*Coleman-ſtreet Ward*
* Sir Tho. Rawlinſon, Knt. Fenchurch ſtr.	*Broad ſtreet Ward*
* Sir Charles Aſgill, Bart. Lombard-ſtreet	*Candlewick Ward*
* Sir Richard Glyn, Bart. Birchin-lane	*Dowgate Ward*
* William Bridgen, Eſq; Forty-Hill	*Farringdon Within*
* Sr William Stephenſon, Knt. OldSwan	*Bridge-Ward within*
* Sir Robert Kite, Knt. Cannon-ſtreet	*Lime-ſtreet Ward*
* Rt. Hon. Tho. Harley, Aldersgate-ſtr.	*Portſoken Ward*
* Samuel Turner, Eſq; Mincing-lane	*Tower Ward*
James Eyre, Eſq; *Recorder.*	
Sir William Baker, Knt. Wincheſter-ſtr.	*Baſſiſhaw Ward*
Sir Henry Banks, Knt. Roehampton, Surry	*Cordwainers Ward*
Barlow Trecothick, Eſq; Bucklerſbury	*Vintry Ward*
Braſs Croſby, Eſq; Seething-lane	*Bread-ſtreet Ward*
Richard Peers, Eſq; Queenhithe	*Queenhithe Ward*
William Naſh, Eſq; Swithins-lane	*Walbrook Ward*
Thomas Hallifax, Eſq; Birchin-lane	*Aldersgate Ward*
John Shakeſpeare, Eſq; Billiter-Square	*Aldgate Ward*
Sir James Eſdaile, Bunhill-row	*Cripplegate Ward*
Samuel Plumb, Eſq; Foſter-lane	*Caſtle-Baynard Ward*
Brackley Kennet, Eſq; Pall-mall	*Cornhill Ward*
John Kirkman, Eſq; Cheapſide	*Cheap Ward*
	Farringdon Without
James Townſend, Eſq;	*Biſhopſgate Ward*
John Sawbridge, Eſq;	*Langbourn Ward*

James Townſend, Eſq;
John Sawbridge, Eſq; } *Sheriffs.*

Sir Steph. Theo. Janſſen, Bart. *Chamberlain.*

Sir James Hodges, Knt. *Town-Clerk.*

Rates for *Hackney-Coaches* and *Chairs* in *London*, or within 10 Miles thereof, by *Stat.* 9 *An. Reg.*

	s.	d.
For one Day of 12 Hours	10	0
For one Hour	1	6
For every Hour after the firſt	1	0
From any of the Inns of Court to any Part of St. *James's*, or City of *Weſtm.* except beyond *Temple-Bar-ſtreet*	1	8
From the Inns of Court, or thereabouts, to the *Royal Exch.*	1	8
From any of the Inns of Court to the *Tower*, *Aldgate*, *Biſhopſgate-ſtreet*, or thereabouts	1	0

And it is alſo declared that no *Hackney-Coachman* ſhall take for his Hire more than one Shilling for any Diſtance not exceeding one Mile and an Half, and Eighteen-pence for any greater Diſtance not exceeding two Miles.

And *Hackney-Chairmen* by the ſaid *Act* ſhall not take more than one Shilling for any Diſtance not exceeding one Mile, and Eighteen-pence for any Diſtance not exceeding a Mile and an Half.

For better knowing the Diſtances between the moſt noted Places in the *City* and *Suburbs*, the *Commiſſioners* have cauſed the ſame to be meaſured, *viz.*

One Shilling Rates for *Hackney-Coaches*, for Diſtances not exceeding one Mile and an Half, *viz.*

From Weſtminſter-hall *to* Marlborough ſtreet
Weſtminſter-hall *to* Albemarle-ſtreet
Weſtminſter hall *to* Bolton-ſtreet
Weſtminſter-hall *to* Bloomſbury-ſquare
Weſtminſter-hall *to* Soho-ſquare
Weſtminſter-hall *to* Little Queen-ſtreet, Holborn
St. James's Gate *to* Queen Anne's-ſquare, Weſtminſter
St. James's Gate *to* the neareſt Corner of Red Lion-ſquare
Golden-ſquare *to* Red Lion ſquare
Hay-Market *Play-houſe to* Red-Lion-ſquare
Hay-Market *Play houſe to* Thavies Inn
Hay-Market *Play-houſe to* Bloomſbury-ſquare
Guild hall *to* Red Lion-ſquare
Upper End of Fetter-Lane, Holborn, *to* Aldgate
Royal-Exchange, *to* Mile-End *Turnpike*

Royal

Rates for Hackney-Coaches, *&c.*

Royal-Exchange *to* Hoxton-ſquare
Newgate *to the middle of* Greek-ſtreet *near* Soho-ſquare
Bridge-foot, Southwark, *to Sir* W. Walworth's-head, Walworth
Gray's-Inn Gate *to* Sadler's-Wells *by* Iſlington
Covent-Garden *to* Clerkenwell *Church*
Temple-Bar *to* Billingſgate
Aldgate *to* Shadwell *Church*

Eighteen-pence Rates for *Hackney-Coaches*, for Diſtances not exceeding two Miles.

Drury-lane *Play-houſe to* Queen's ſquare, Weſtminſter
Weſtminſter-hall *to St.* Paul's *Church*
Weſtminſter hall *to* Queen's-ſquare, Red-Lion-fields
St. James's Gate *to* Hatton-Garden
New-Exchange *in the* Strand *to the* Royal-Exchange
From the Hay-maket *Play-houſe to* Hatton-Garden
Weſtminſter-Hall *to* Red-Lion-ſquare
St. James's to Marybone *Church*
The Royal-Exchange *to* Bloomſbury ſquare
The Royal-Exchange *to the Watch-houſe*, Mile-End
The Out-ſide of Aldgate *to* Stepney *Church*
Bedford ſtreet, Covent-Garden, *to* Coleman-ſtreet
Bread-ſtreet *to* Hoxton-ſquare
Middle of Broad-ſtreet *to* Hart-ſtreet, Bloomsbury Market
St. Martin's-Lane, *in the* Strand, *to* Gold-ſtreet *by* Wood-ſtreet
Middle of Grace-Church-ſtreet *to* Somerſet-houſe
Guild-Hall *to* Brownlow-ſtreet *in* Drury-lane
The Royal-Exchange *to* Newington *Church*, Surrey
Covent-Garden *to the* Royal-Exchange
Stocks-Market *to* Charing-Croſs
Aldgate *to* Ratcliff-Croſs

One Shilling Rates for *Hackney-Chairs*, for Diſtances not exceeding one Mile.

From Weſtminſter *to* Covent-Garden
Weſtminſter-hall *to* Exeter-Change
St. James's Gate *through the Park to* Weſtminſter-hall
Hay-Market *Play-houſe to the Entrance of* Lincoln's-Inn-fields
Hay-Market *Play houſe to* Bolton-ſtreet
St. James's Gate *to* Somerſet-houſe
Somerſet-houſe *to the upper End of* Hatton-Garden

Hay-Market *Play-houſe to* Eſſex-ſtreet
Hay-Market *Play-houſe to* Soho-ſquare
The neareſt Corner of Golden-ſquare *to* Drury-lane *Play-houſe.*

Note, That *Hackney-Chairmen* are oblig'd to go the ſame Diſtances for Eighteen-pence, which the Coaches perform for 1*s.*

And if any *Hackney-Coachman* or *Chairman* ſhall refuſe to go at, or exact more for Hire than the Rates hereby limited, he ſhall for every ſuch Offence forfeit 40 *s.*

Note, The Mile according to *Statute*, *Hen.* 7th, is 8 Furlongs, or 5280 Feet. Then if the Step or Pace of a Man in Walking be 5 Foot, 1056 ſuch Paces will be an exact Mile.

Rates of Watermen, *as they are ſet forth by the* Lord-Mayor *and* Aldermen *of* London.

	Oars		Sculs	
	s.	*d.*	*s.*	*d.*
From London-Bridge *to* Lime-houſe, New-Crane, Shadwell-Dock, Bell-Wharf, Ratcliff-Croſs	1	0	0	6
To Wapping-Dock, Wapping New *and* Old Stairs, *the* Hermitage, Rotherhith-Church-ſtairs	0	6	0	3
From St. Olave's *to* Rotherhith Church ſtairs, *and* Rotherhith-ſtairs	0	6	0	3
From Billingſgate, *St.* Olave's, *to St.* Saviour's Mill	0	6	0	3
any Stairs between London-Bridge *and* Weſtminſter	0	6	0	3
From either Side above London-Bridge *to* Lambeth *and* Vaux-hall	1	0	0	6
From White-hall *to* Lambeth *and* Vaux-hall	0	6	0	3
From Temple, Dorſet, *and* Black-fryers Stairs, *or* Paul's-Wharf, *to* Lambeth	0	8	0	4
Over the Water directly between Vaux-hall *and* Lime-houſe	0	6	0	2

The Rates of Oars. *Down the River.*

		Wherry Fare		*Company.*	
		s.	*d.*	*s.*	*d.*
From London *to*	Graveſend	4	6	0	8
	Grays *or* Greenhith	4	0	0	6
	Purfleet *or* Erith	3	0	0	4
	Woolwich	2	6	0	4
	Blackwall	2	0	0	3
	Greenwich, Deptford	1	6	0	3

Up

Rates of Watermen, *&c.*

From London to	*Up the River.*	*Wherry Fare* s.	d.	*Company.* s.	d.
	Chelſea, Batterſea, Wandſworth	1	6	0	3
	Putney, Fulham, Barn-Elms	2	0	0	4
	Hammerſmith, Chiſwick, Mortlake	2	6	0	6
	Brentford, Iſleworth, Richmond	2	6	0	6
	Twickenham	4	0	0	6
	Kingſton	5	0	0	9
	Hampton-Court	6	0	1	0
	Hampton-Town, Sunbury *and* Walton	7	0	1	0
	Weybridge, Chertſey	10	0	1	0
	Staines	12	0	1	0
	Windſor	14	0	1	0

Rates for carrying of Goods in the Tilt-Boat *between* Graveſend *and* London.

	s.	d.
A half Firkin	0	1
Whole Firkin	0	2
Hogſhead	2	0
One Hundred Weight of Cheeſe, Iron, or heavy Goods	0	4
Sack of Salt, Corn, a Cheſt, Trunk, or Hamper	0	6
Every ſingle Perſon in the ordinary Paſſage	0	6
The Hire of the Whole Tilt Boat	22	6

What Waterman takes and demands more than theſe Rates, lies liable to pay 40 *s.* and ſuffer half a Year's Impriſonment.

Directions for Paſſing and Repaſſing on the Water about London.

Obſerve, That below Bridge the Water ebbs ſeven Hours, and flows five.

Above Bridge, it ebbs eight Hours, and flows four, according to the Watermens Obſervation, who in their Converſation uſe theſe Terms.

If the Water is at loweſt, then it is called *Low-water*; if riſing, then *Young* or *Old Flood*; when it is at higheſt, and begins to fall, *Ebb Water*.

High Water is the Time at *Billingſgate* for all Paſſengers tha are bound for *Graveſend*, *Tilbury*, *Grays*, &c.

If to *Woolwich*, *Blackwall*, *Greenwich*, &c. any Time till one, two, or three Hours after High Water.

A TABLE for finding the hourly Motion of the Moon and thereby her true Place at any Time of the Day.

H	11 46	11 56	12 6	12 16	12 26	12 36	12 46	12 56	13 6	13 16	13 26
⊙	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m.	d. m	d. m	d m.	d. m
1	0 29	0 30	0 30	0 30	0 31	0 31	0 32	0 32	0 33	0 33	0 34
2	0 59	1 0	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 6	1 7
3	1 28	1 29	1 31	1 32	1 33	1 35	1 36	1 37	1 38	1 39	1 41
4	1 58	1 59	2 1	2 3	2 4	2 6	2 8	2 9	2 11	2 12	2 14
5	2 27	2 29	2 31	2 34	2 35	2 37	2 40	2 42	2 44	2 46	2 48
6	2 57	2 59	3 1	3 4	3 6	3 9	3 11	3 14	3 16	3 19	3 21
7	3 26	3 29	3 32	3 35	3 38	3 40	3 43	3 46	3 49	3 52	3 55
8	3 55	3 59	4 2	4 6	4 9	4 12	4 15	4 19	4 22	4 25	4 28
9	4 25	4 28	4 32	4 36	4 40	4 43	4 47	4 51	4 55	4 58	5 2
10	4 54	4 58	5 3	5 7	5 11	5 15	5 19	5 23	5 27	5 32	5 36
11	5 24	5 28	5 33	5 37	5 42	5 46	5 51	5 56	6 0	6 3	6 9
12	5 53	5 58	6 3	6 8	6 13	6 18	6 23	6 28	6 33	6 38	6 43
13	6 22	6 28	6 33	6 39	6 44	6 49	6 55	7 0	7 6	7 11	7 17
14	6 52	6 58	7 3	7 9	7 15	7 21	7 27	7 33	7 38	7 44	7 50
15	7 21	7 27	7 34	7 40	7 46	7 52	7 59	8 5	8 11	8 17	8 24
16	7 51	7 57	8 4	8 11	8 17	8 24	8 31	8 37	8 44	8 51	8 57
17	8 20	8 27	8 34	8 41	8 48	8 55	9 3	9 10	9 17	9 24	9 31
18	8 49	8 57	9 4	9 12	9 19	9 27	9 34	9 42	9 49	9 57	10 4
19	9 19	9 26	9 35	9 43	9 51	9 58	10 6	10 14	10 22	10 30	10 38
20	9 48	9 56	10 5	10 13	10 21	10 30	0 38	10 47	10 55	11 3	11 12
21	10 18	10 26	10 35	10 44	10 53	11 1	11 10	11 19	11 27	11 36	11 45
22	10 47	10 56	11 6	11 15	11 27	11 33	11 42	11 51	12 0	12 10	12 19
23	11 17	11 26	11 36	11 46	11 55	12 4	12 14	12 24	12 33	12 43	12 52
24	11 46	11 56	12 6	12 16	12 26	12 36	12 46	12 56	13 6	13 16	13 26

The Uſe of this TABLE is to find (by an *Ephemeris*) the true Place of the Moon at any particular Time of the Day. But firſt you muſt know, that all Aſtronomers begin the Day at Noon, and count 24 Hours to the Day; ſo that beginning one Day at Noon, the ſame ends the next Day at Noon; therefore 1 in the Afternoon is the firſt Hour of the Day, and 13 Hours after Noon is the next Day 1 in the Morning. Now in the following *Ephemeris*, the Moon's Place in the 3d Column in every Month is exactly calculated to the Meridian of *London*; and to know her daily Motion, you muſt ſubtract the Place of the Moon one Day, from her Place the following Day, by adding 30 Degrees

A TABLE for finding the hourly Motion of the Moon, and thereby her true Place at any Time of the Day.

Hour.	13 36 d. m.	13 46 d. m.	13 56 d. m.	14 6 d. m.	14 16 d. m.	14 26 d. m.	14 36 d. m.	14 46 d. m.	14 56 d. m.	15 6 d. m.	5 1 d m.
1	0 34	0 34	0 35	0 35	0 36	0 36	0 36	0 37	0 37	0 38	38
2	1 8	1 9	1 10	1 10	1 11	1 12	1 13	1 14	1 15	1 15	1 16
3	1 42	1 42	1 44	1 46	1 47	1 48	1 49	1 51	1 51	1 53	1 54
4	2 16	2 8	2 19	2 21	2 22	2 24	2 26	2 28	2 29	2 31	2 32
5	2 50	2 52	2 54	2 56	2 58	3 0	3 2	3 3	3 7	3 9	3
6	3 24	3 26	3 29	3 31	3 34	3 39	3 35	3 41	3 45	3 46	3 9
7	3 58	4 1	4 4	4 7	4 10	4 16	4 15	4 18	4 21	4 24	4 7
8	4 32	4 35	4 39	4 42	4 45	4 49	4 52	4	4 59	5	5
9	5 6	5 10	5 13	5 17	5 21	5 25	5 28	5 32	5 36	5 40	5 43
10	5 40	5 44	5 48	5 52	5 57	6 1	6 5	6 9	6 13	6 17	6 22
11	6 14	6 19	6 21	6 28	6 32	6 37	6 41	6 46	6 51	6 55	7 0
12	6 48	6 53	6 58	7 2	7 8	7 13	7 18	7 23	7 28	7 33	7 38
13	7 22	7 27	7 33	7 38	7 44	7 49	7 54	8 0	8 5	8 11	8 16
14	7 56	8 0	8 8	8 13	8 19	8 25	8 31	8 37	8 43	8 48	8 54
15	8 30	8 36	8 42	8 49	8 55	9 1	9 7	9 14	9 20	9 26	1932
16	9 4	9 11	9 17	9 23	9 31	9 37	9 44	9 51	9 57	10 4	10 11
17	9 38	9 45	9 52	9 59	10 6	10 13	10 20	10 28	10 35	10 42	10 49
18	10 12	10 19	10 27	10 34	10 42	10 49	10 57	11 4	11 12	11 19	11 27
19	10 46	10 54	11 2	11 10	11 18	11 26	11 34	11 41	11 49	11 57	12 5
20	11 20	11 28	11 37	11 45	11 53	12 2	12 10	12 18	12 27	12 35	12 42
21	11 54	12 3	12 11	12 20	12 29	12 38	12 46	12 55	13 4	13 13	13 21
22	12 28	12 37	12 46	12 55	13 5	13 14	13 23	13 33	13 42	13 50	14 0
23	13 2	13 12	13 21	13 31	13 40	13 50	13 59	14 9	14 19	14 28	14 38
24	13 36	13 46	13 56	14 6	14 16	14 26	14 36	14 46	14 56	15 6	15 16

grees (if need require it) for ſo many Degrees hath every Sign, and 60 Minutes in every Degree; ſo you have the daily Motion of the Moon: Then look for the ſame in the Head, or the neareſt Number you can find, and under it is the Motion of the Moon, agreeing to that Time.

Example. To find the Place of the Moon, on the 5th Day of *January*, at 11 at Night: Her Place at Noon is in ♈ 20° 55′, and the next Day in ♉ 4° 41′; therefore her diurnal Motion is 13° 46′; then I find theſe Numbers, *viz.* 13° 46′ in the Head of the Table, and againſt 11 Hours the given Time is 6° 19′; which being added to ♈ 20° 55′, her Place at Noon, the Sum will be ♈ 27° 14′, her Place at 11 o'Clock that Night.

The Planets daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

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The Heliocentrick Motions.

January 1770.

D	♄	♋	♃	♀	♂	☿	☉	♋	♀	♍	♀	♐
1	28	2	6	48	0	11	11	14	22	35	25	35
7	28	15	7	17	3	22	17	21	27	8	13	♑ 2
13	28	29	7	45	6	35	23	28	11	40	1	♒ 38
19	8	42	8	13	9	50	29	34	21	11	22	38
25	28	55	8	42	13	7	5♌	40	0♑	41	17	♓ 17

D	Day-lig. B. & E.		Sun Ri.	Sun Set	Clock too fa	
1	5	59	7	8	9	4	4	1
7	5	56	7	8	5	4	6	5
13	5	52	7	7	59	5	9	2
19	5	46	7	7	51	5	11	2
25	5	39	7	7	42	5	12	5

M D	H.Wat Lon.B Morn.		Aftern.		The Lunar Aſpects. ☉	♄	♅	♂	♀	☿	The mutual Aſpects.
1	4	24	4	41						✶16	
2	4	58	5	15	✶ 1		□ 1	□1c	□22		
3	5	34	5	53		△10					
4	6	17	6	41	□13		△10	△ac		□ 7	
5	7	8	7	36		□14			△ 9		
6	8	8	8	41	△21					△19	
☉	9	19	9	57		✶14					
8	10	36	11	1(			☌16				
9	11	58						☌ 6	☌22		☽ Perig. ☌☉♀
10	0	30	1	3							
11	1	36	2	6	☌ 5	☌17				☌ 8	
12	2	36	2	57			△18				
13	3	18	3	35				△1a			
☉	3	52	4	9			□22		△ 8		☌♄♀
15	4	21	4	4	△16	✶21		□16			
16	5	3	5	21					□19	△ 1	
17	5	40	6	3			✶ 5				
18	6	27	6	50	□ 5	□11		✶ 4		□20	☌☉☾
19	7	13	7	41					✶ 9		
20	8	9	8	40	✶23	△16					
☉	9	12	9	44						✶18	
22	10	16	10	48			☌ 4				
23	11	20	11	50				☌14			☽ Apog.
24			0	20							
25	0	45	1	9		☌16					
26	1	32	1	56	☌11				☌ 3		
27	2	19	2	41			✶ 6		☌14		
☉	2	57	3	13				✶20			
29	3	27	3	4[illegible]			□16				
30	3	55	4	8		△12			✶11		☌♄♀
31	4	26	4	44	✶14			□ 7			

The Planets Daily Motions Geocentrick. 18 1

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

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The Heliocentrick Motions. Feb. 1770.

Day.	♄	♃	♅	♆	♂	☿	☉	☊	♁	♀	♈
1	29 11	9 16	16 59	12 40	11 45	22 18					
7	29 25	9 44	20 21	8 51	21 1	♉ 48					
13	29 38	10 13	23 4	14 5	☌ 43	♉ 31					
19	29 51	10 41	♐ 7 1	☍ 58	10 12	♌ 31					
25	♌ 4	11 10	♑ 3	7 0	19 4	♌ 28					

Day-lig. B. & E.	Sun Ri. Set.	Clock too fast
5 30	7 30	5 14 11
5 21	7 20	5 14 42
5 12	7 9	5 14 45
5 0	6 57	6 14 19
4 50	6 46	6 13 30

M. D.	H Wat. Lon. B. Morn.	Aftern.	☉	☽	♃	♂	♅	♀
1	5 2	5 21		□16	△ 0			*22
2	5 44	6 7				△16	□ 0	
3	6 3	7 4	□ 0	*21				
☉	7 37	8 11					△ 9	□ 8
5	8 51	9 31	△ 7		♂10			
6	10 10	10 49						△15
7		11 28				♂ 2		
8	0 7	0 38		♂ 0			♂20	
9	1 9	11 38	♂16		△14			
10	2 7	2 30						
☉	2 53	3 11			□14	△10		♂ 0
12	3 28	3 43		* 4				
13	3 57	4 15			*22	□19	△13	
14	4 34	4 50	△ 9	□10				
15	5 7	5 27						△15
16	5 48	6 13		△20		* ♂	□ 4	
17	6 38	7 5	□ 1		♂21			□ 1
☉	7 32	8 2						
19	8 33	9 4	*20				* 0	
20	9 36	10 8						*11
21	10 40	11 10		♂20		♂17		
22	11 39							
23	0 6	0 33			*23			
24	0 57	1 22					♂12	
☉	1 45	2 8	♂ 4					♂ 0
26	2 29	2 50		△14	□ 7	*19		
27	3 6	3 22						
28	3 37	3 51		□20	△13			

The Lunar Aſpects.

The mutual Aſpects.

☽ Perig.

*☉☿

☽ Apog.

♂♄♂
♂☉☿

♂♀☿

The Planets Daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

| | | |

The Heliocentrick Motions.

March 1770.

Day.	♄	☊	☿	♃	♂	♅	☉	♆	♒	♀	♑
1	0	13	11	29	2	57	11	0	26	1	27	22
7	0	27	11	57	6	27	17	0	5♓	32	19♑	15
13	0	40	12	26	10	0	22	59	15	3	8♐	17
19	0	53	12	55	13	35	28	57	24	34	25	38
25	1	6	13	24	17	11	4♎	55	4♈	6	12♑	13

Day-lig. B. & E		Sun Ri.	Set.	Clock too fa	
4	43	8	6	38	6	12	4
4	30	8	6	26	6	11	2
4	17	8	6	14	6	9	4
4	4	8	6	2	6	8	
3	50	9	5	50	7	6	

M D.	H. Wat. Morn.		Lon. H. Afternn.		The Lunar Aſpects. ☉	♄	☿	♃	♂	♅	The Mutual Aſpects.
1	4	8	4	25				□ 5	✶ 1	✶ 6	
2	4	46	5	7	✶ 9	✶ 0		△ 11	□ 2	□ 8	
3	5	30	5	54			☌ 22				
☉ 4	6	24	6	54	□ 9					△ 8	☽ Perig.
5	7	28	8	2					△ 6		
6	8	41	9	21	△ 16						
7	10	0	10	38		☌ 1		☌ 22			
8	11	14	11	50							
9			0	20			△ 4			☌ 11	
10	0	49	1	16				☌ 2			
☽ 11	1	42	2	7	☌ 4	✶ 12	□ 8				
12	2	32	2	50				△ 11			
13	3	8	3	24		□ 13	✶ 15			△ 23	□ ☉ ♅
14	3	39	3	54				□ 22			
15	4	9	4	28					△ 22		△ ☉ ♄
16	4	48	5	7	△ 3	△ 2				□ 11	□ ♅ ♀
17	5	26	5	49				✶ 12			
☉ 18	6	12	6	38	□ 22		☌ 11		□ 16		
19	7	4	7	32						✶ 3	☽ Apog.
20	8	1	8	31					✶ 17		
21	9	2	9	34	✶ 19	☌ 3					
22	10	0	10	36				☌ 21			
23	11	5	11	34			✶ 11				
24			0	2						☌ 11	
☉ 25	0	27	0	52		△ 21	□ 19				
26	1	15	1	39	☌ 18				☌ 18		☌ ☉ ♀
27	2	5	2	30				✶ 18			
28	2	49	3	8		□ 2	△ 0			✶ 8	
29	3	26	3	43							
30	4	1	4	19		✶ 6		□ 0			
31	4	41	5	4	✶ 8				✶ 11	□ 16	

Parker. April 1770.

The Planets Daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.																	☊	☿
					1	0N.27		0N.35		1S.15		1S.13		2S.15		8	29
					7	0	27	0	35	1	18	1	4	2	30	8	10
					13	0	27	0	35	1	22	0	55	2	28	7	51
					19	0	28	0	35	1	25	0	44	2	6	7	32
					25	0	28	0	35	1	27	0	31	1	2[illegible]	7	14

M D	☉	♈	☽	♊	Lat. ☽		♄	♋	♃	♐	♂	♒	♀	♈	☿	♓	Sun's Declin. North.	
☉	11	48	20	10	1 S.	9	25	12	24	19	23	27	13	15	15	41	4	40
2	12	47	4♋	19	2	21	25	13	24	21	24	13	14	29	17	1	5	3
3	13	46	18	26	3	23	25	13	24	22	24	59	15	44	18	23	5	26
4	14	54	2♌	31	4	13	25	14	24	23	25	45	16	58	19	46	5	49
5	15	44	16	31	4	48	25	14	24	24	26	30	18	12	21	11	6	12
6	16	42	0♍	27	5	5	25	15	24	25	27	16	19	27	22	38	6	34
7	17	41	14	15	5	5	25	16	24	26	28	2	20	41	24	7	6	57
☉	18	40	27	53	4	47	25	17	24	26	28	48	21	56	25	38	7	19
9	19	39	11♎	16	4	14	25	19	24	27	29	34	23	10	27	11	7	42
10	20	38	24	28	3	27	25	21	24	27	0♓	19	24	24	28	45	8	4
11	21	36	7♏	12	2	31	25	23	24 ℞	27	1	5	25	39	0♈	21	8	26
12	22	35	19	4[illegible]	1	29	25	25	24	27	1	51	26	53	1	58	8	48
13	23	34	2♐	1	0	23	25	27	24	26	2	37	28	7	3	36	9	10
14	24	32	14	6	0N.	42	25	29	24	26	3	23	29	21	5	17	9	31
☉	25	31	26	1	1	45	25	31	24	25	4	9	0♉	36	7	0	9	53
16	26	30	7♑	51	2	43	25	33	24	24	4	54	1	50	18	44	10	14
17	27	28	19	42	3	34	25	36	24	23	5	40	3	4	10	29	10	35
18	28	27	1♒	34	4	17	25	38	24	21	6	26	4	18	12	16	10	56
19	29	25	13	29	4	48	25	41	24	19	7	12	5	32	14	4	11	17
20	♉	24	25	50	5	7	25	44	24	17	7	58	6	47	15	54	11	37
21	1	22	8♓	34	5	12	25	46	24	15	8	43	8	1	17	46	11	58
☉	2	20	21	31	5	1	25	49	24	13	9	29	9	15	19	40	12	18
23	3	19	4♈	52	4	34	25	52	24	10	10	15	10	29	21	35	12	38
24	4	17	18	35	3	50	25	55	24	8	11	0	11	42	23	32	12	58
25	5	15	2♉	39	2	52	25	58	24	6	11	46	12	56	25	31	13	17
26	6	14	16	59	1	42	26	1	24	3	12	32	14	19	27	31	13	37
27	7	12	1♊	29	0	24	26	5	24	0	13	17	15	24	29	32	13	56
28	8	10	16	3	0 S.	56	26	8	23	57	14	3	16	38	1♉	36	14	15
☉	9	8	0♋	35	2	12	26	11	23	53	14	49	17	52	3	41	14	33
30	10	6	15	2	3	19	26	15	23	50	15	34	19	6	5	48	14	52

The Heliocentrick Motions. April 1770.

Day	♄	☊	♃	♂	♑	♋	♎	♀	♈	☿	♑	Day lig. B. & E.	Sun Ri. Set	Clock too fast
1	1	22	13	57	21	26	11	48	15	16	1	6	3 33 9	5 36 7	3 59
7	1	36	14	26	25	6	17	41	24	51	9	8	3 17 9	5 25 7	2 11
13	1	49	14	55	28	48	23	34	4 ♉	27	8 ♒	24	3 2 9	5 13 7	0 31
19	2	2	15	23	2 ♒	31	29	25	14	4	0 ♓	30	2 47 10	5 2 7	0 ♌ 57
5	2	15	15	52	6	15	5 ♏	15	23	4	26	42	2 26 10	4 51 8	2 12

M. D.	H. Wat. Morn.		Lon. B. Aftern.		The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
☉	5	29	5	54			☍ 8	△ 5			
2	6	24	6	55	□ 15				□ 19		☽ Perig. ✶ ♃ ♂
3	7	30	8	5		☌ 12				△ 0	
4	8	40	9	16	△ 23						
5	9	51	10	25			△ 14	☍ 18	△ 3		
6	10	59	11	32							
7			0	1		✶ 18	□ 18			☍ 20	□ ♃ ☿. △ ♄ ♀
☉	0	29	0	55							
9	1	20	1	45	☍ 16						
10	2	10	2	31		□ 2	✶ 0	△ 11	☍ 0		△ ♃ ♀ □ ♄ ☿.
11	2	52	3	9							
12	3	2[illegible]	3	41		△ 11					
13	3	50	4	14				□ 1		△ 3	△ ☉ ♃
14	4	32	4	51	△ 23		☌ 21				
☉	5	9	5	29				✶ 18	△ 10		□ ☉ ♄
16	5	50	6	14						□ 2	☽ Apog.
17	6	39	7	5	□ 17	☍ 12					
18	7	31	7	58					□ 6		
19	8	26	8	55			✶ 21			✶ 1	
20	9	25	9	56	✶ 8				✶ 23		
21	10	28	10	57				☌ 0			
☉	11	27	11	55		□ 10	□ 5				✶ ♂ ♀
23			0	23							
24	0	50	1	16		□ 14	△ 11			☌ 10	
25	1	43	2	10	☌ [illegible]			✶ 16	☌ 19		
26	2	34	2	58		✶ 15					
27	3	18	3	37				□ 20			
28	3	56	4	16			☍ 13				
☉	4	39	5	3	✶ 6					✶ 6	☽ Perig.
30	5	29	5	54		☌ 19		△	✶ 8		

The Planets Daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.	1	oN.28	oN.35	1S.30	oS.17	oS.31	♄ 6 55
	7	0 28	0 35	1 32	0 2	oN.32	6 37
	13	0 29	0 34	1 34	oN.13	1 28	6 19
	19	0 29	0 34	1 35	0 27	2 5	6 1
	25	0 29	0 34	1 36	0 42	2 14	5 43

M D.	☉	☿	☽ ☊	☽ Lat.	♄	♅	♆ ℞ ♇	♂	♃	♀	☿	♀	☿	Su.'s Declin. North.
1	11 4	29 17	4 S.1	6 18	23 46	16 20	20 20	7 56	15 10					
2	12 3	13♌23	4 51	16 22	23 43	17 6	21 34	10 4	15 28					
3	13 1	27 14	5 12	16 26	23 39	17 51	22 48	12 13	15 46					
4	13 59	10♍34	5 14	26 30	23 35	18 37	24 2	14 23	16 3					
5	14 57	24 21	4 59	26 34	23 31	19 22	25 15	16 33	16 20					
☉ 6	15 55	7♎33	4 28	26 38	23 26	20 8	26 29	18 44	16 37					
7	16 53	20 32	3 44	26 42	23 21	20 53	27 43	20 50	16 54					
8	17 51	3♏17	2 50	26 46	23 16	21 39	28 57	23 6	17 10					
9	18 48	15 48	1 48	26 51	23 11	22 24	0♊11	25 15	17 26					
10	19 46	28 7	0 42	26 55	23 6	23 10	1 24	27 23	17 42					
11	20 44	10♐16	0N.25	27 0	23 1	23 55	2 38	29 30	17 58					
12	21 42	22 14	1 31	27 4	22 55	24 41	3 52	1♊35	18 13					
☉	22 40	4♑8	2 31	27 9	22 50	25 26	5 5	3 39	18 28					
14	23 38	15 56	3 25	27 14	22 44	26 11	6 19	5 41	18 42					
15	24 35	27 47	4 11	27 19	22 39	26 51	7 32	7 41	18 56					
16	25 33	9♒41	4 45	27 24	22 33	27 42	8 46	9 39	19 10					
17	26 31	21 44	5 8	27 29	22 27	28 27	9 59	11 35	19 24					
18	27 28	4♓1	5 17	27 34	22 21	29 12	11 13	13 28	19 37					
19	28 26	16 36	5 12	27 39	22 14	29 57	12 27	15 18	19 50					
☉	29 24	29 33	4 51	27 44	22 8	0♈42	13 41	17 5	20 3					
21 ♊	21	12♈52	4 13	27 49	22 1	1 27	14 54	18 49	20 16					
22	1 19	26 40	3 20	27 55	21 54	2 12	16 8	20 30	20 28					
23	2 16	10♉53	2 14	28 0	21 47	2 57	17 21	22 9	20 39					
24	3 14	25 27	0 57	28 5	21 41	3 42	18 35	23 4	20 50					
25	4 12	10♊18	0S.23	28 11	21 34	4 27	19 48	25 18	21 1					
26	5 9	25 16	1 46	28 17	21 27	5 12	21 2	26 47	21 11					
☉	6 7	10♋14	3 0	28 23	21 20	5 57	22 15	28 13	21 21					
28	7 4	25 4	4 1	28 28	21 12	6 41	23 28	29 35	21 31					
29	8 2	9♌38	4 46	28 34	21 5	7 26	24 42	0♋54	21 40					
30	8 59	23 54	5 11	28 40	20 58	8 11	25 55	2 9	21 49					
31	9 57	7♍47	5 18	28 46	20 51	8 55	27 8	3 21	21 57					

The Heliocentrick Motions. May 1770.

Day	♄	☊	♃	♂	♒	♉	♏	♀	♊	♀	♈	Day Lig. B & E.	Sun Ri. Set.	Clock to Sl. w
1	2	29	16	21	10	0	11	5	3	20	18	5	2 0 10	4 40 8	3 8
7	2	42	16	50	13	46	16	53	13	0	4 ♊	14	1 44 11	4 19 8	3 45
13	2	55	17	19	17	33	22	40	22	41	11 ♋	52	1 19 11	4 20 8	4 1
19	3	9	17	48	21	20	28	26	2 ♋	27	16 ♌	13	0 48 12	4 12 8	3 58
25	3	22	18	17	25	8	4 ♐	12	12	6	15 ♍	2	No Nig.	4 4 8	3 33

M. D.	H. Wat. Lon. Br. Morn.		Aftern.		The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	6	22	6	51	□22					□17	
2	7	21	7	51			△18		□12		
3	8	24	8	58							☌☉☿
4	9	30	10	2	△ [illegible]		□22	☌15		△ 7	
5	10	32	11	2		✶ 4			△ 2		
☉	11	32									✶♂☿
7	0	3	0	29		□12	✶ 0				
8	0	54	1	18							
9	1	42	2	8	☍ 6	△22		△14		☍23	
10	2	33	2	51					☍ 0		□♃♂
11	3	9	3	25							
12	3	41	3	57			☌ 1	□ 5			
☉	4	13	4	30							☽ Apog.
14	4	48	5	6	△18			✶22			☌♀☿
15	5	24	5	45		☍ 0			△22		
16	6	7	6	31						△ 0	
17	6	55	7	19	□10		✶ 1				
18	7	44	8	10					□15	□22	✶☉♄
19	8	37	9	8		△20	□10				
☉	9	39	10	10	✶ 0			☌ 2			
21	10	41	11	14			△16		✶ 4	✶12	
22	11	47				□ 3					
23	0	18	0	49							
24	1	18	1	48	☌13	✶ 5		✶14			
25	2	18	2	47			☌18		☌17		
26	2	8	3	30				□17		☌ 3	✶☉♂
☉	3	49	4	8							☽ Perig.
28	4	31	4	54	✶22	☌ 6		△20			
29	5	16	5	38			△19				
30	6	4	6	31					✶ 4	✶16	
31	6	58	7	25	□ 4		□23				

Parker. June 1770.

The Planets Daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.																		
																	☊	♐
						1	0N.	29	0N	33	1S.	37	0N	57	1N	49	5	21
						7	0	30	0	32	1	38	1	9	0	50	5	3
						13	0	30	0	31	1	38	1	19	0S.	21	4	45
						19	0	31	0	30	1	37	1	28	1	56	4	27
						25	0	31	0	30	1	36	1	34	3	29	4	9

M D	☉	♊	☽	♍	☽ Lat	♄	♋	♃ ♑	♂	♈	♀	♊	☿	♋	Sun's Declin. North.
1	10	54	21	21	5 S. 6	28	52	20	43	9	40	28	22	4	30	22	6
2	11	51	4♎	3	4 38	28	59	20	35	10	24	29	35	5	36	22	14
☉	12	49	17	31	3 57	29	[illegible]	20	28	11	8	0♋	48	6	39	22	22
4	13	46	0♏	11	3 5	29	11	20	21	11	53	2	2	7	38	22	29
5	14	43	12	38	2 5	29	17	20	13	12	37	3	15	8	33	22	36
6	15	41	24	54	1 0	29	23	20	6	13	21	4	28	9	25	22	42
7	16	38	6♐	59	0N. 6	29	29	19	58	14	6	5	41	10	12	22	48
8	17	35	18	54	1 12	29	35	19	51	14	50	6	54	10	56	22	53
9	18	33	0♑	46	2 15	29	42	19	4	15	34	8	8	11	35	22	58
☉	19	30	12	39	3 11	29	48	19	36	16	18	9	21	12	10	23	3
11	20	27	24	30	3 58	29	54	19	28	17	2	10	34	12	41	23	7
12	21	25	6♒	[illegible]	4 36	0♌	1	19	20	17	46	11	47	13	8	23	11
13	22	22	18	18	5 2	0	8	19	12	18	30	13	0	13	31	23	15
14	23	19	0♓	22	5 15	0	15	19	4	19	13	14	13	13	50	23	18
15	24	16	12	38	5 14	0	21	18	56	19	57	15	26	14	4	23	21
16	25	14	25	11	4 58	0	28	18	48	20	41	16	39	14	14	23	23
●	26	11	8♈	2	4 27	0	35	18	41	21	24	17	52	14	18	23	25
18	27	8	21	17	3 4	0	42	18	34	22	8	19	5	14	19	23	26
19	28	5	4♉	58	2 41	0	49	18	2	22	52	20	18	14 ♑	17	23	27
20	29	2	19	8	1 30	0	56	18	13	23	3	21	31	14	10	23	28
21	♋	0	3♊	42	0 11	1	3	18	1	24	13	22	44	13	57	23	28
22	0	57	18	40	1 S. 11	1	10	18	4	25	2	23	57	13	39	23	28
23	1	54	4♋	2	2 28	1	17	17	57	25	45	25	10	13	17	23	27
☉	2	51	19	9	3 36	1	24	17	49	26	28	26	23	12	52	23	26
25	3	48	4♌	1	4 28	1	31	17	42	27	11	27	36	12	22	23	25
26	4	46	19	2	5 0	1	38	17	3	27	54	28	49	11	50	23	23
27	5	43	3♍	37	5 1	1	46	17	28	28	36	0♌	2	11	17	23	21
28	6	40	17	4	5 6	1	53	17	21	29	19	1	15	10	43	23	18
29	7	37	1♎	1	4 4	2	0	17	14	0♉	2	2	27	10	7	23	15
30	8	34	14	29	4 3	2	7	17	8	0	44	3	40	9	30	23	11

The Heliocentrick Motions. June 1770.

Days	♄	☊	♃	♂	♒	⊖	♂	♀	♋	☿	♎
1	3	37	18	50	29	35	10	54	23	28	12	27
7	3	50	19	19	3♓	23	16	38	3♌	13	2♏	17
13	4	4	19	48	7	11	22	22	12	58	20	5
19	4	17	20	17	10	59	28	5	22	42	6	49
25	4	30	20	46	14	47	3♑	48	2♍	28	23	19

Day lig. B & E.	Sun Ri.	Sun Set	Clock too slow
No	3 57	9	2 43
Dark-	3 53	9	1 43
ness, but	3 [illegible]0	9	0 33
Twi-	3 48	9	0 sa. 42
light.	3 48	9	1 59

M D.	H. Wat. Lon. B. Morn.		Aftern.		The Lunar Aspects. ☉	♄	♃	♂	♀	♀	The Mutual Aspects.
1	7	53	8	22		✱16			□14		
2	8	53	9	25	△16			☍12		□2	
☉	9	55	10	25		□22	✱6				
4	10	56	11	26					△4	△15	
5	11	55									
6	0	23	0	49		△10					
7	1	16	1	41	☍21			△15			
8	2	6	2	28			☌2		☍17		
9	2	50	3	6						☍23	
☉	3	23	3	37				□8			☽ Apog. ☍☉♃
11	3	51	4	7		☍10					
12	4	22	4	38							
13	4	55	5	12	△8		✱2	✱0			☌♃♀
14	5	29	5	49							
15	6	10	6	33			□12		△5	△3	
16	6	57	7	23	□0	△10					
☉	7	49	8	19			△10		□20	□11	
18	8	49	9	23	✱12	□17		☌2			
19	9	57	10	32						✱16	
20	11	7	11	43		✱19			✱4		
21			0	20			☍23				
22	0	53	1	27	☌20			✱10			
23	2	0	2	32						☌14	☽ Perig.
☉	2	55	3	17		☌20		□12	☌12		□♂♀
25	3	36	3	54			△21				
26	4	14	4	33				△15			
27	4	53	5	14	✱4					✱13	
28	5	36	5	58			□0				☌♄♃
29	6	23	6	48	□12	✱1			✱2	□15	
30	7	14	7	39			✱5				☌[illegible]♀

The Planets Daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

| | | |

The Heliocentrick Motions. July 1770.

Days	♄	♌	♃	♐	♂	♓	♋	♑	♀	♏	☿	♒
1	4	44	21	15	18	34	9	31	12	13	10	18
7	4	57	21	44	22	20	15	15	21	57	28	36
33	5	10	22	13	26	6	20	58	1♎	40	19♒	9
19	5	23	22	42	29	51	26	41	11	2	13♓	9
25	5	37	23	12	3♈	34	2♒	25	21	[illegible]	11♈	5[illegible]

Day lig. B. & E.	Sun Ri.	Sun Set	Clock too fast
N. darkness, but twilight.	3 50	9	3 1[illegible]
	3 53	9	4 17
	3 59	9	5 9
	4 5	8	5 42
0 45 12	4 13	8	5 57

M D.	H. Wat. Morn.	Lon. B. Aftern.	The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
☉	8 9	8 39		□10		☍ 8	□ 6	△21	
2	9 12	9 45	△ 1						□♄♂
3	10 16	10 47		△21					
4	11 17	11 47					△10		
5		0 15			☌ 1				
6	0 43	1 8				△15		☍16	
7	1 33	1 57	☍12						☽ Apog.
☉	2 22	2 40							
9	2 59	3 14		☍ 0		□ 8			
10	3 29	3 43			✱ 2		☍ 1		△♃♀
11	3 56	4 11				✱23		△15	
12	4 25	4 41	△22		□14				
13	4 58	5 15							
14	5 33	5 54		△ 0	△21			□ 1	
☉	6 16	6 41	□11				△10		
16	7 6	7 36		□ 7		☌21		✱10	
17	8 7	8 43	✱20				□20		
18	9 20	9 59		✱11					
19	10 38	11 17			☍ 6				
20	11 56						✱ 1	☌18	
21	0 31	1 5				✱ 6			☽ Perig.
☉	1 37	2 9	☌ 4	☌11					
23	2 35	3 0			△ 5	□ 7			
24	3 19	3 37					☌ 9		
25	3 53	4 9			□ 5	△10		✱ 1	
26	4 28	4 48	✱12	✱14					
27	5 7	5 26			✱ 9			□10	
28	5 49	6 12		□23					☌☉♄
☉	6 37	7 3	□ 0				✱ 4		
30	7 32	8 1				☍ 5		△ 2	
31	8 32	9 4	△14	△10			□22		✱♂☿

The Planets Daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.																				
	1				0N. 34		0N. 2		1S. 22		1N. 15		0N. 13		2	18				
	7				0	34	0	22	1	18	1	2	1	12	2	0				
	13				0	35	0	21	1	13	0	47	1	42	1	42				
	19				0	35	0	20	1	8	0	29	1	44	1	23				
	25				0	36	0	19	1	3	0	9	1	24	1	5				
M. D.	☉		☽		Lat. ☽		♄		♅ ℞		♃		♀		☿		Sun's Declin. North.	
1	9	7	13	5	0N. 50		6	12	14	45	22	31	12	12	23	31	18	0
2	10	4	14	57	1	51	6	20	14	43	23	9	13	23	25	16	17	44
3	11	2	6♍	4	2	47	6	27	14	41	23	48	14	35	27	4	17	29
4	11	59	18	3	3	35	6	35	14	39	24	26	15	47	18	56	17	17
☽	12	57	0♒	27	4	14	6	43	14	38	25	5	16	58	0♌	51	16	56
6	13	54	12	33	4	43	6	50	14	37	25	43	18	10	2	43	16	40
7	14	52	24	2	4	59	6	58	14	37	26	22	19	22	4	47	16	23
8	15	49	6♓	38	5	1	7	6	14	37	26	59	20	34	6	47	16	6
9	16	47	18	5	4	50	7	13	14	36	27	37	21	45	8	48	15	49
10	17	45	1♈	2	4	24	7	21	14	36	28	14	22	56	10	50	15	32
11	18	42	14	10	3	46	7	29	14D.	36	28	52	24	8	12	53	15	14
☉	19	40	27	4	2	55	7	36	14	36	29	29	25	19	14	56	14	56
13	20	38	10♉	13	1	54	7	44	14	36	0♊	6	26	30	16	58	14	38
14	21	35	23	40	0	45	7	51	14	37	0	42	27	41	19	0	14	19
15	22	33	7♊	28	0S.	28	7	59	14	37	1	19	28	52	21	1	14	0
16	23	31	21	38	1	41	8	7	14	38	1	55	♎	3	23	1	13	41
17	24	29	6♋	10	2	49	8	14	14	39	2	32	1	14	25	1	13	22
18	25	25	20	57	3	47	8	21	14	40	3	8	2	52	27	0	13	3
☉	26	24	5♌	8	4	31	8	29	14	42	3	44	3	36	28	5	12	43
20	27	22	21	3	4	55	8	37	14	44	4	19	4	47	0♏	55	12	24
21	28	20	6♍	1	4	59	8	44	14	46	4	55	5	58	2	51	12	4
22	29	18	20	41	4	44	8	52	14	49	5	30	7	8	4	45	11	45
23	♑	16	4♎	37	4	11	8	59	14	51	6	6	8	19	6	37	11	23
24	1	14	18	44	3	23	9	7	14	53	6	41	9	30	8	28	11	3
25	2	11	2♏	4	2	26	9	14	14	55	7	16	10	40	10	28	10	42
☉	3	9	14	54	1	23	9	21	14	58	7	50	11	50	12	7	10	21
27	4	8	27	24	0	18	9	29	15	1	8	24	13	1	13	55	10	0
28	5	6	9♐	35	0N.	46	9	36	15	4	8	58	14	11	15	42	9	39
29	6	4	21	35	1	48	9	44	15	7	9	31	15	21	17	27	9	17
30	7	2	3♑	28	2	44	9	51	15	10	10	5	16	31	19	11	8	56
31	8	0	15	18	3	34	9	58	15	14	10	39	17	41	20	53	8	34

The Heliocentrick Motions.

August 1769.

Day	♄	☊	♅	♆	♂	♈	♎	♒	☿	♍	♀	☌
1	5	52	23	46	7	53	9	7	2	17	22	0
7	6	5	24	19	♊ 11	33	14	52	21	53	29	♋ 41
13	6	19	24	44	15	11	20	38	21	8	5	♌ 17
19	6	32	25	13	18	48	26	24	♑ 1	22	6	♍ 12
25	6	45	25	43	22	24	♓ 2	11	10	34	1	♎ 31

Day-Lg. B. & E.		Sun Ri.	Set	Clock too ſl.	
1	23	11	4 24	8	5 49
7	47	11	4 33	8	5 16
13	9	10	4 43	8	4 25
19	29	10	4 54	8	3 12
25	47	10	5 7	7	1 43

M D.	H.W.t. Lon.B. Morn.	Attern.	The Lunar Aſpects. ☉	♄	♅	♂	♃	♀	The mutual Aſpects.
1	9 37	10 11			☌ 3				
2	10 41	11 12							
3	11 42						△18		☐♅♀
4	0 12	0 37				△12			☽ Apog.
☉ 5	1 3	1 26		☌14				☌ 1	
6	1 49	2 11	☌ 3		✶ 4				△☉♅
7	2 33	2 49				☐ 4			
8	3 5	3 20			☐16				☌♄♀
9	3 34	3 47				✶18	☌ 6		
10	4 0	4 16		△12				△22	
11	4 33	4 51	△10		△ 1				△♅♀
☉ 12	5 9	5 30		☐18					
13	5 51	6 18	☐20					☐14	
14	6 45	7 16				☌13	△ 8		
15	7 43	8 26		✶ 1	☌12				
16	9 4	9 44	✶ 4				☐15	✶ 2	☌☉♀
17	0 24	11 2							
18	11 41					✶20	✶20		☽ Perig.
☉ 19	0 15	0 49		☌ 4	△14				△☌♀
20	1 19	1 49	☌11			☐22		☌18	
21	2 17	2 44			☐24				
22	3 3	3 22							
23	3 38	3 53		✶ 8	✶17	△ 2	☌ 6		✶♄☽
24	4 10	4 27							
25	4 46	5 6	✶ 0	☐ 1				✶18	
☉ 26	5 27	5 48							
27	6 13	6 39	☐14			☌23			☐♅☿
28	7 6	7 33		△ 0	☌11		✶10	☐14	✶♅♀
29	8 4	8 35							✶☿☉
30	9 8	9 41	△ 8				☐	△13	☽ Apog.
31	10 11	10 43							

The Planets Daily Motions Geocentrick.

| The Planets Latitudes and Place of ☽'s ☊ to every 6th Day. | | |

The Heliocentrick Motions.

Days	♄	♅	♆	♃	♂	♈	☉	☿	♀	♁	☾	♇
1	7	0	26	17	26	33	8	58	21	40	26	3
7	7	14	26	46	0	♉ 4	14	14	1	♍ 10	14	♎ 24
13	7	27	27	15	3	33	20	38	10	39	1	♐ 23
19	7	40	27	44	7	1	26	30	20	8	17	53
25	7	53	28	14	10	26	2	♈ 23	29	37	4	♑ 38

Sept. 1770.

Day-lig.	Sun		Clock
B. & E.	Ri.	Set	to flow
3 7 9	5 18	7	0 19
3 24 9	5 30	7	2 15
3 37 9	5 41	7	4 17
3 52 9	5 53	7	6 24
4 5 8	6 5	6	8 27

M D.	H. Wat. Morn.		Lon. B. Aftern.		The Lunar Aſpects. ☉	♄	♅	♂	♃	☿	The Mutual Aſpects.
1	11	11	11	41							
☉			0	7		☌ 2	✶12	△ 5			
3	0	33	0	57					△ 0		
4	1	21	1	43	☌18			□19			
5	2	6	2	26			□ 0				
6	2	46	3	1						☌ 4	
7	3	16	3	31		△ 0	△10	✶ 6			
8	3	47	4	3					☌ 6		
☉	4	19	4	39	△19	□ 8					
10	4	59	5	21							☌☿♂
11	5	43	6	12		✶12	☌21	♂22		△ 8	
12	6	41	7	13	□ 3						
13	7	46	8	23					△ 2	□18	✶♄☿
14	9	1	9	40	✶10						☽ Perig.
15	10	19	10	55		♂18			□ 8		
☉	11	31					△ 2	✶ 7		✶ 1	✶☿☿
17	0	3	0	35					✶13		
18	1	4	1	33	♂20		□ 4	□10			
19	2	0	2	27		✶23					△♂☿
20	2	46	3	5			✶ 8	△15		♂16	
21	3	22	3	38							□♄☿
22	3	54	4	9		□ 4			♂ 6		
☉	4	29	4	49	✶15						
24	5	10	5	30		△16					
25	5	54	6	18			♂ 0	☌11		✶22	
26	6	44	7	11	□ 8						
27	7	40	8	10					✶16		
28	8	41	9	12						□16	☽ Apog.
29	9	41	10	11	△ 2	☌16					
☉	10	39	11	7			✶ 2	△16	□11		

The Planets Daily Motions Geocentrick.

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.															☊ ♏
	1	0N. 41		0N. 13		0S. 14		2S. 16		2S. 51		29	9		
	7	0	42	0	12	0	3	2	39	3	15	28	50		
	13	0	42	0	11	0N.	8	2	59	3	14	28	31		
	19	0	43	0	11	0	21	3	15	2	26	28	12		
	25	0	44	0	10	0	35	3	30	0	40	27	52		

M D	☉	♎	☽	♒	Lat. ☽	♄	♌	♅	♆	♂	♊	♀	♍	☿	♍	Sun's Declin. South
1	8	17	29	19	5N. 7	13	17	18	23	25	25	23	11	3	46	3 18
2	9	17	11	♓41	4 58	13	22	18	32	25	48	24	18	4	42	3 41
3	0	16	24	18	4 35	13	28	18	41	26	10	25	24	5	35	4 4
4	11	15	7	♈ 9	3 58	13	35	18	49	26	32	26	31	6	25	4 28
5	12	14	20	15	3 6	13	39	18	58	26	53	27	37	7	12	4 51
6	13	14	3	♉35	2 5	13	44	19	7	27	14	28	44	7	54	5 14
☉	14	13	17	6	0 55	13	49	19	16	27	34	29	50	8	32	5 37
8	15	12	0	♊47	0S. 39	13	54	19	25	27	53	0	♐56	9	6	6 0
9	16	12	14	37	1 33	13	58	19	34	28	12	2	1	9	35	6 23
10	17	11	28	35	2 42	14	3	19	44	28	31	3	7	9	59	6 46
11	18	11	12	♋40	3 42	14	8	19	53	28	49	4	12	10	16	7 8
12	19	10	26	49	4 29	14	12	20	3	29	7	5	17	10	27	7 31
13	20	10	11	♌ 2	4 59	14	17	20	13	29	25	6	22	10	32	7 54
☉	21	9	25	16	5 11	14	21	20	23	29	42	7	27	10	♑27	8 16
15	22	9	9	♍30	5 4	14	26	20	33	29	58	8	31	10	16	8 38
16	23	8	23	37	4 39	14	30	20	43	0	♑13	9	35	9	56	9 0
17	24	8	7	♎34	3 57	14	34	20	53	0	28	10	39	9	27	9 22
18	25	8	21	17	3 2	14	39	21	4	0	41	11	42	8	49	9 44
19	26	8	4	♏42	1 58	14	43	21	14	0	54	12	46	8	2	10 6
20	27	7	17	48	0 49	14	47	21	25	1	6	13	50	7	7	10 28
☉	28	7	0	♐34	0N. 21	14	50	21	35	1	18	14	53	6	5	10 49
22	29	7	13	3	1 28	14	54	21	46	1	29	15	56	4	56	11 11
23	♏	7	25	17	2 31	14	58	21	57	1	40	16	58	3	42	11 32
24	1	7	7	♑ 9	3 25	15	1	22	8	1	50	18	1	2	26	11 53
25	2	7	19	13	4 10	15	5	22	19	2	0	19	3	1	8	12 13
26	3	7	1	♒ 5	4 42	15	8	22	30	2	9	20	5	29	♎55	12 34
27	4	7	14	6	5 6	15	11	22	41	2	17	21	6	28	46	12 54
☉	5	7	25	0	5 15	15	15	22	52	2	24	22	6	27	42	13 15
29	6	7	7	♓10	5 10	15	18	23	4	2	30	23	7	26	45	13 35
30	7	7	19	37	4 51	15	21	23	15	2	35	24	7	25	58	13 54
31	8	7	2	♈20	4 19	15	24	23	26	2	40	25	7	25	22	14 14

The Heliocentrick Motions. Octob. 1770.

Days	♄	♃	♃	♂	♉	⊖	♈	♀	♒	♀	♑	Day-lig. B. & E.	Sun Ri. Set.	Clock 100 flo.
1	8	7	28	43	13	49	8	17	9	6	22	24	4 18 8	6 17 6	10 26
7	8	20	29	13	17	10	14	13	18	35	12 ♒	5	4 31 8	6 29 6	12 11
13	8	33	29	42	20	29	20	10	28	5	4 ♓	49	4 43 8	6 40 6	13 44
19	8	46	0 ♑	12	23	47	26	8	7 ♓	36	1 ♈	52	4 55 8	6 52 6	14 59
25	8	59	0	41	27	2	2 ♉	7	17	7	4 ♉	11	5 6 7	7 4 5	15 48

M D.	H. Wat. Morn.	Lon. B. Altern.	The Lunar Aspects. ☉	♄	♃	♂	♀	♀	The Mutual Aspects.
1		11 35						△ 9	
2	0 3	0 28			□ 13				
3	0 57	1 16				□ 4	△ 2		
4	1 39	2 3	☍ 8	△ 12	△ 22				
5	2 26	2 45				✱ 13			
6	3 4	3 20		□ 19				☍ 9	✱☉♄
☉	3 36	3 53							
8	4 10	4 32		✱ 23			☍ 0		
9	4 [illegible]	5 19	△ 4		☍ 10				
10	5 43	6 12				☌ 0		△ 21	
11	6 42	7 13	□ 10						
12	7 45	8 21					△ 15	□ 23	☽ Perig.
13	8 57	9 32	✱ 16	☌ 6	△ 16				✱☉♃
☉	10 8	10 41				✱ 9	□ 22		
15	11 15	11 46			□ 19			✱ 1	
16		0 16				□ 11			
17	0 4	1 10		✱ 13			✱ 6		
18	1 36	2 3	☌ 7		✱ 0	△ 17			
19	2 27	2 50		□ 19				☌ 6	△♄♀
20	3 7	3 25							
☉	3 41	3 57							
22	4 15	4 33		△ 4	☌ 17		☌ 6		△♂☿
23	4 52	5 12	✱ 12			☍ 14		✱ 15	☌☉☿. △☉♂
24	5 33	5 55							
25	6 20	6 44						□ 22	☽ Apog.
26	7 8	7 33	□ 4						
27	8 1	8 29		☍ 4	✱ 20		✱ 18		
⊖	8 57	9 25	△ 22			△ 15		△ 5	☌♃♀
29	9 53	10 22							
30	10 51	11 20			□ 7		□ 9		
31	11 48					□ 0			

The Planets Daily Motions Geocentrick. ♌ ♍

The Planets Latitudes and Place of ☽'s ☊ to every 6th Day.

| | | |

The Heliocentrick Motions. Nov. 1770.

Days	♄	☊	♃	♅	♂	♊	⊖	♉	♀	♓	☿	♊	Day-lig. B. & E.	Sun Ri. Set.	Clock tooslow
1	9	15	1	16	0	47	9	7	28	14	17	16	5 17 7	7 16 5	16 1
7	9	28	1	45	3	58	15	8	7 ♈	47	24 ♋	14	5 25 7	7 27 5	16
13	9	41	2	15	7	6	21	11	17	21	26 ♌	46	5 34 7	7 37 5	15 2
19	9	54	2	44	10	13	27	15	26	56	23 ♍	43	5 41 7	7 46 5	14 1
25	10	8	3	14	13	18	3 ♊	19	6 ♉	32	16 ♎	10	5 48 7	7 54 5	12 36

M. D.	H. Wat. Lon. B. Morn.	Aftern.	The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	0 16	0 41		△ 0	△16		△21	☍17	
2	1 8	1 34	☍21			✱ 7			
3	2 1	2 25		□ 6					
☉	2 49	3 8							
5	3 28	3 45		✱10					
6	4 3	4 26			☍ 0	☌13	☍11	△ 2	
7	4 50	5 12	△10						□☉♄
8	5 35	6 2						□ 7	☽ Perig. ☍♂♀
9	6 30	7 0	□ 9	☌14					
10	7 30	8 2			△ 6	✱18	△23	✱13	
☉	8 3	9 8							
12	9 41	10 13	✱ 0		□11	□22			△♂♀
13	10 46	11 16		✱22			□ 7		
14	11 46				✱18				
15	0 14	0 42				△ 4	✱17	☌10	
16	1 9	1 36	☌22	□ 5					
17	2 2	2 29							
☉	2 47	3 6		△14					
19	3 23	3 40			☌13	☍20			
20	3 55	4 9					☌21	✱21	
21	4 27	4 45							✱♀♀
22	5 3	5 22	✱ 6						☽ Apog. □♄♀
23	5 42	6 2		☍16				□18	
24	6 24	6 47			✱14	△19			
☉	7 10	7 34	□ 1						
26	8 1	8 29					✱ 5	△14	
27	8 58	9 27	△15		□ 3	□ 4			☍♃♂
28	9 56	10 25		△11			□17		
29	10 56	11 28			△11	✱10			
30	11 59			□17					

The Planets Daily Motions Geocentrick. ☌ ☍

| | | |

The Heliocentrick Motions. Dec. 1770.

Day.	♄	☊	♃	♆	♂	♊	☉	♊	♀	♉	☿	♏
1	10	21	3	43	16	21	9	2	16	9	5	33
7	10	34	4	13	19	23	15	31	25	47	23	8
13	10	47	4	43	22	23	21	37	5 ♊	26	9 ♐	44
19	11	0	5	13	25	21	27	44	15	6	16	16
25	11	13	5	43	28	17	3 ♋	51	24	48	13 ♑	25

Day-lig. B. & E.	Sun Ri. Set	Clock too slow
5 54 7	8 2 4	10 3
5 57 7	8 7 4	8 2
5 59 7	8 11 4	5 18
6 1 6	8 13 4	2 20
6 1 6	8 12 4	0 fa. 41

M. D.	H. Wat. Morn.	Lon. Br. Altern.	The Lunar Aspects. ☉	♄	♃	♂	♀	☿	The Mutual Aspects.
1	0 30	1 0					△ 0	☍ 16	
☉	1 29	1 59	☍ 10	✶ 18					
3	2 29	2 52			☍ 18	☌ 13			
4	3 14	3 34							
5	3 53	4 13					☍ 7		
6	4 33	4 54	△ 19	☌ 20				△ 6	☽ Perig.
7	5 16	5 40			△ 22	✶ 12			△ ☉ ♄
8	6 4	6 31						□ 16	
☉	6 58	7 26	□ 1			□ 14	△ 15		
10	7 54	8 24			□ 2				
11	8 55	9 28	✶ 12	✶ 4		△ 19	□ 22	✶ 1	
12	10 1	10 3			✶ 9				
13	11 2	11 33		□ 12					
14		0 5					✶ 7		☍ ☉ ♂
15	0 32	1 0		△ 21					☌ ♂ ♀
☉	1 26	1 52	☌ 15			☍ 10		☌ 12	
17	2 16	2 40			☌ 8				
18	2 57	3 14							
19	3 29	3 44					☌ 7		☌ ☉ ♀
20	3 58	4 11		☍ 20					☽ Apog.
21	4 27	4 44				△ 6			
22	5 0	5 17			✶ 11			✶ 6	
☉	5 36	5 54	✶ 3			□ 17			☌ ♃ ♀
24	6 19	6 37	□ 20				✶ 6		
25	7 0	7 24		△ 18	□ 0			□ 2	
26	7 52	8 21				✶ 1	□ 14		
27	8 53	9 25	△ 9		△ 8			△ 18	☌ ☉ ♃
28	10 0	10 35		□ 0			△ 13		
29	11 11	11 47							
☉		0 21		✶ 4		☌ 8			
31	0 55	1 26	☍ 21		☍ 15				

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Student in Phyſick and the Cœleſtial Sciences.

Lift up your Eyes to the Heavens, and look upon the Earth beneath: for the Heavens ſhall vaniſh away like Smoke, and the Earth ſhall wax old like a Garment, and they that dwell therein ſhall die in like manner. Iſaiah ii. 6.

LONDON: Printed by J. BETTENHAM, for the Company of Stationers. 1770.

Price Nine Pence ſtitched.

The Regal Table.

	Kings Names.	Reig. beg.	R.	M.		Kings Names.	Reig. beg.	R.	M.
1	King Egbert	819	17		28	Henry III.	1216	6	
2	Ethelwolf	836	1	9	29	Edward I.	1272	3	
3	Ethelbald	855	5		30	Edward II.	1307	0	
4	Ethelbert	860	6		31	Edward III.	1327	50	
5	Ethelred	866	6		32	Richard II.	1377	2	
6	Alfred	872	29			Line of Lancaster			
7	Edward I.	901	23		33	Henry IV.	1399	13	
8	Athelſtan	924	6		34	Henry V.	1412	10	
9	Edmond I.	910	6		35	Henry VI.	1422	39	
10	Eldred	946	9			Line of York			
11	Edwin	955	4		36	Edward IV.	1461	22	
12	Edgar	959	16		37	Edward V.	1483	0	
13	Edward II.	975	3		38	Richard III.	1483	2	
14	Ethelred II.	978	38			Families United.			
15	Edmond II.	1016	1		39	Henry VII.	1485	23	
	Daniſh Line.				40	Henry VIII.	1509	38	
16	Canutus I.	1017	18		41	Edward VI.	1546	7	
17	Harold I.	1035	5		42	Q. Mary I.	1553	5	
18	Canutus II.	1040	2		43	Q. Elizabeth	1558	44	
19	Edward Confeſſor	1042	24			Kingdoms United			
20	Harold II.	1066	1		44	James I.	1603	22	
	Norman Line.				45	Charles I.	1625	23	
21	William Conq.	1067	20		46	Charles II.	1648	36	
22	William Rufus	1087	13		47	James II.	1684	4	
23	Henry I.	1100	35		48	Mary II. }	1688	6	
24	Stephen	1135	19			William III. }		12	
	Saxon Line.				49	Q. Anne	1702	12	
25	Henry II.	1154	35		50	K. George I.	1714	13	
26	Richard I.	1189	10		51	K. George II.	1727	33	
27	John	1199	17		52	K. George III.	1760	0	

and Q. Charlotte: Crown'd 1761.
Whom God preſerve.

The King's Favour's like the Morning Dew,
Life, Pleaſure, alſo profitable too;
And where is he that would not purchaſe theſe,
And ſtrive each Day our Royal *George* to pleaſe?

A TABLE for buying and selling of any Commodity by the great Hundred, which is 112 Pounds.

d.	q.	l.	s.	d.	d.	q	l.	s.	d.	d.	q.	l.	s.	d.	d.	q.	l.	s.	d.
	1	0	2	4		1	2	18	4		1	5	14	4		1	8	10	4
	2	0	4	8		2	3	0	8		2	5	16	8		2	8	12	8
	3	0	7	0		3	3	3	0		3	5	19	0		3	8	15	0
1	0	0	9	4	7	0	3	5	4	13	0	6	1	4	19	0	8	17	4
	1	0	11	8		1	3	7	8		1	6	3	8		1	8	19	8
	2	0	14	0		2	3	10	0		2	6	6	0		2	9	2	0
	3	0	16	4		3	3	12	4		3	6	8	4		3	9	4	4
2	0	0	18	8	8	0	3	14	8	14	0	6	10	8	20	0	9	6	8
	1	1	1	0		1	3	17	0		1	6	13	0		1	9	9	0
	2	1	3	4		2	3	19	4		2	6	15	4		2	9	11	4
	3	1	5	8		3	4	1	8		3	6	17	8		3	9	13	8
3	0	1	8	0	9	0	4	4	0	15	0	7	0	0	21	0	9	16	0
	1	1	10	4		1	4	6	4		1	7	2	4		1	9	18	4
	2	1	12	8		2	4	8	8		2	7	4	8		2	10	0	8
	3	1	15	0		3	4	11	0		3	7	7	0		3	10	3	0
4	0	1	17	4	10	0	4	13	4	16	0	7	9	4	22	0	10	5	4
	1	1	19	8		1	4	15	8		1	7	11	8		1	10	7	8
	2	2	2	0		2	4	18	0		2	7	14	0		2	10	10	0
	3	2	4	4		3	5	0	4		3	7	16	4		3	10	12	4
5	0	2	6	8	11	0	5	2	8	17	0	7	18	8	23	0	10	14	8
	1	2	9	0		1	5	5	0		1	8	1	0		1	10	17	0
	2	2	11	4		2	5	7	4		2	8	3	4		2	10	19	4
	3	2	13	8		3	5	9	8		3	8	5	8		3	11	1	8
6	0	2	16	0	12	0	5	12	0	18	0	8	8	0	24	0	11	4	0

EXAMPLE.

At 3*d.* 2*q.* a Pound, what is the Price of the Great Hundred? Look in the Left hand Column for 3*d.* 2*q.* and right against it in the next Column towards the Right Hand you will find 1*l.* 12*s.* 8*d.*

Again, Suppose Goods were sold at 13*d.* a Pound, what the Price of the great Hundred Weight? Look in the fixth Column towards the Right Hand Side of the Table, and you will find 6*l.* 1*s.* 4*d.* the Price thereof. This Table being so plain and easy, we need not trouble the Reader with any more Examples.

Note, For every Farthing that one Pound costs, reckon 2*s.* 4*d.* and that is the Price of the great Hundred.

A Table of INTEREST at five *per Cent.*

Enter this Table under Pounds.

Pounds.	A Week.			One Month.			Two Months.			Three Months.			Six Months.			Nine Months.			A Year.		
	s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
1	0	0	1	0	0	1	0	0	2	0	0	3	0	0	6	0	0	9	0	1	0
2	0	0	2	0	0	2	0	0	4	0	0	6	0	1	0	0	1	6	0	2	0
3	0	0	3	0	0	3	0	0	6	0	0	9	0	1	6	0	2	3	0	3	0
4	0	1	0	0	0	4	0	0	8	0	1	0	0	2	0	0	3	0	0	4	0
5	0	1	1	0	0	5	0	0	10	0	1	3	0	2	6	0	3	9	0	5	0
6	0	1	2	0	0	6	0	1	0	0	1	6	0	3	0	0	4	6	0	6	0
7	0	1	3	0	0	7	0	1	2	0	1	9	0	3	6	0	5	3	0	7	0
8	0	2	0	0	0	8	0	1	4	0	2	0	0	4	0	0	6	0	0	8	0
9	0	2	1	0	0	9	0	1	6	0	2	3	0	4	6	0	6	9	0	9	0
10	0	2	2	0	0	10	0	1	8	0	2	6	0	5	0	0	7	6	0	10	0
20	0	5	0	0	1	8	0	3	4	0	5	0	0	10	0	0	15	0	1	0	0
30	0	7	2	0	2	6	0	5	0	0	7	6	0	15	0	1	2	6	1	10	0
40	0	10	0	0	3	4	0	6	8	0	10	0	1	0	0	1	10	0	2	0	0
50	1	0	2	0	4	2	0	8	4	0	12	6	1	5	0	1	17	6	2	10	0
60	1	3	0	0	5	0	0	10	0	0	15	0	1	10	0	2	5	0	3	0	0
70	1	5	2	0	5	10	0	11	8	0	17	6	1	15	0	2	12	6	3	10	0
80	1	8	0	0	6	8	0	13	4	1	0	0	2	0	0	3	0	0	4	0	0
90	1	10	2	0	7	6	0	15	0	1	2	6	2	5	0	3	7	6	4	10	0
100	2	1	0	0	8	4	0	16	8	1	5	0	2	10	0	3	15	0	5	0	0
200	4	2	0	0	16	8	1	13	4	2	10	0	5	0	0	7	10	0	10	0	0
300	6	3	0	1	5	0	2	10	0	3	15	0	7	10	0	11	5	0	15	0	0
400	8	4	0	1	13	4	3	6	8	5	0	0	10	0	0	15	0	0	20	0	0
500	10	5	0	2	1	8	4	3	4	6	5	0	12	10	0	18	15	0	25	0	0
600	12	6	0	2	10	0	5	0	0	7	10	0	15	0	0	22	10	0	30	0	0
700	14	7	0	2	18	4	5	16	8	8	15	0	17	10	0	26	5	0	35	0	0
800	16	8	0	3	6	8	6	13	4	10	0	0	20	0	0	30	0	0	40	0	0
900	18	9	0	3	15	0	7	10	0	11	5	0	22	10	0	33	15	0	45	0	0
1000	20	10	0	4	3	4	8	6	8	12	10	0	25	0	0	37	10	0	50	0	0

Tens of Pounds.

Hundreds of Pounds.

Enter this Table on the Left-hand side under Pounds, with your Sum (that you would know the Interest of) and in the Head of the Table for your Time, and in the Angle of meeting you will have your Desire.

EXAMPLE.

Suppose the Sum were 80 *l.* I enter under Pounds with the same, and against the Sum I find for one Week 1 *s.* 8 *d.* For one Month 6 *s.* 8 *d.* For two Months 13 *s.* 4 *d.* For three Months 1 *l.* For six Months 2 *l.* For nine Months 3 *l.* For a Year 4 *l.* &c. With any other Sum you must do after the like manner.

A general Tide-Table.

The Moon's Age	Quinsbor. Portsm. Southa. Spithead. Isle of Wight.		Bristol, Lanin, Fulness and at the Start.		Dover, Yarm. Harw. and Calais Road.		London, Tinm. Hartley, Whitby, Amsterdam.		Newcast. Falm. Dartmouth. Humb. Fey.		Plym. Weym. Antw. Line: and Hull.		Gravesend Thanet Rumney Downs and Scilly Half tide	
D.	H.	M.	H.	M.	H.	M	H.	M.	H.	M	H.	M.	H.	M.
1	0	A 48	7	A 33	11	M 18	3	A 48	6	A 3	6	A 48	2	A 18
2	1	3	8	21	0	A 6	4	36	6	51	7	36	3	6
3	2	24	9	9	0	54	5	24	7	39	8	24	3	50
4	3	12	9	57	1	42	6	12	8	27	9	12	4	42
5	4	0	10	45	2	30	7	0	9	15	10	0	5	30
6	4	48	11	33	3	18	7	48	10	3	10	48	6	18
7	5	36	12	21	4	6	8	36	10	51	11	36	7	6
8	6	24	1	M 9	4	54	9	24	11	39	12	24	7	54
9	7	1	1	57	5	42	10	12	2	27	1	M 12	8	42
10	8	0	2	45	6	30	11	0	1	M 15	2	0	9	30
11	8	48	3	33	7	18	11	48	2	3	2	48	10	18
12	9	36	4	21	8	6	12	36	2	51	3	36	11	6
13	10	24	5	9	8	54	1	M 24	3	39	4	24	11	54
14	11	12	5	57	9	42	2	12	4	27	5	12	12	42
15	12	0	6	45	10	30	3	0	5	15	6	0	1	30
16	0	M 48	7	33	11	18	3	48	6	3	6	48	2	M 18
17	1	36	8	21	12	6	4	36	6	51	7	36	3	6
18	2	24	9	9	0	M 54	5	24	7	32	8	24	3	54
19	3	12	9	57	1	42	6	12	8	27	9	12	4	43
20	4	0	10	45	2	30	7	0	9	15	10	0	5	30
21	4	48	11	33	3	18	7	48	10	3	10	48	6	18
22	5	36	0	A 21	4	6	8	36	0	51	11	36	7	6
23	6	24	1	9	4	54	9	24	1	39	0	A 24	7	54
24	7	12	1	57	5	42	10	12	12	27	1	12	8	42
25	8	0	2	45	6	30	11	0	1	A 15	2	0	9	30
26	8	48	3	33	7	18	11	48	2	3	2	48	10	18
27	9	36	4	21	8	6	0	A 36	2	51	3	36	11	6
28	10	24	5	0	8	54	1	24	3	39	4	24	11	54
29	11	12	5	57	9	42	2	12	4	27	5	12	0	A 42
30	12	0	6	45	10	30	3	0	5	15	6	0	1	30

Example. *Jan.* the 7th, the Moon is 10 days old; look for 10 in the first Column under the Moon's Age, and against it in the fourth Column under *London, Tinmouth,* &c. is 11h. which shews that it is High-Water at those Places at 11 at Night.

A perpetual Table of Break of Day, Twilight, the Length of the Day and Night, and Increase and Decrease of the Days.

Months.	Days.	Break of Day. H.	M.	Twilight ends. H.	M.	Length of the Day. H.	M.	Length of the Night. H.	M.	Increase of Days. H.	M.	Planet H. by Day. H.	M.	Planet H. by Night. H.	M.
	2	5	59	6	1	7	44	16	16	0	10	0	38	1	22
January.	12	5	5[illegible]	6	8	8	0	16	0	0	26	0	40	1	20
	22	5	4	6	18	8	2[illegible]	15	34	0	5[illegible]	0	42	1	18
	2	5	30	6	3[illegible]	8	58	15	2	1	2[illegible]	0	45	1	15
February.	12	5	1[illegible]	6	4[illegible]	9	38	14	22	2	[illegible]	0	48	1	12
	22	4	5[illegible]	7		10	16	13	44	2	4[illegible]	0	51	1	9
	2	4	4[illegible]	7	20	10	44	13	16	3	10	0	57	1	3
March.	12	4	1[illegible]	7	4[illegible]	11	26	12	34	3	5[illegible]	1	0	1	[illegible]
	22	3	57	8	[illegible]	12	6	11	54	4	3[illegible]	1	4	0	56
	2	3	3[illegible]	8	27	12	46	11	14	5	1[illegible]	1	7	0	53
April.	12	3	[illegible]	8	5[illegible]	13	2[illegible]	10	37	5	5[illegible]	1	10	0	50
	22	2	3[illegible]	9	2[illegible]	14	[illegible]4	9	56	6	3[illegible]	1	13	0	47
	2	2	[illegible]	9	5[illegible]	14	42	9	18	7	8	1	17	0	43
May.	12	1	28	10	32	15	14	8	46	7	40	1	19	0	41
	22	0	14	11	46	15	44	8	16	8	10	1	20	0	40
	2	no nig[illegible]		no nig[illegible]		16	6	7	54	8	32	1	21	0	39
June.	12	but twi-		but twi-		16	22	7	38	8	48	1	22	0	38
	22	light.		light.		16	26	7	34	8	52	1	21	0	3[illegible]
	2	0	0	0	0	16	20	7	40	0 D	6	1	20	0	40
July.	12	0	0	0	0	16	6	7	54	0	20	1	19	0	41
	2	0	17	11	4[illegible]	15	44	8	16	0	42	1	17	0	43
	2	1	2[illegible]	10	36	15	14	8	46	1	2	1	13	0	47
August,	12	2	6	9	54	14	38	9	2[illegible]	1	48	1	10	0	50
	22	2	3[illegible]	9	22	14	4	9	56	2	2	1	7	0	53
	2	3	[illegible]	8	53	13	26	10	34	3	0	1	3	0	5[illegible]
eptember.	12	3	3[illegible]	8	22	12	44	11	16	3	42	1	1	0	59
	22	3	5[illegible]	8	[illegible]	12	4	11	56	4	22	1	0	1	[illegible]
	2	4	21	7	3[illegible]	11	24	12	36	5	2	0	57	1	3
October.	12	4	41	7	1[illegible]	10	46	13	14	5	40	0	54	1	6
	22	5	0	7	0	10	6	13	54	6	20	0	50	1	10
	2	5	17	6	43	9	28	14	32	6	58	0	47	1	13
November.	12	5	33	6	27	8	50	15	10	7	36	0	44	1	16
	22	5	4[illegible]	6	15	8	20	15	40	8	6	0	42	1	18
		5	54	6	6	7	56	16	4	8	30	0	40	1	20
December.	12	6	0	6	0	7	40	16	20	8	46	0	38	1	2[illegible]
	22	6	1	5	59	7	34	16	26	8	52	0	38	1	22

The TERMS and their RETURNS, for YEAR 1770.

Hilary Term begins Jan. 23. ends Feb. 12, hath 4 Returns.

Returns or Essoign-days.		Exc.	Ret.	Ap.	W. D.
In eight Days of St. *Hilary*,	*Jan.* 20	21	22	23	*Tuef*
From the Day of St. *Hilary* in 15 Days	27	28	29	30	*Tuef.*
On the Morrow of the Purification of the bleſſed Virgin *Mary*,	*Feb.* 3	4	5	6	*Tuef.*
In eight Days of the Purification of the bleſſed Virgin *Mary*,	9	10	11	12	*Mond.*

Eaſter Term begins May 2, ends May 28, hath 5 Returns.

From the Day of *Eaſter* in 15 Days	*April* 29	30	*May* 1	2	*Wed.*
From the Day of *Eaſter* in 3 Weeks	*May* 6	7	8	9	*Wed.*
From the Day of *Eaſter* in 1 Month	13	14	15	16	*Wed.*
From the Day of *Eaſter* in 5 Weeks	20	21	22	23	*Wed.*
On the Morrow of the Aſcenſion Day	25	26	27	28	*Mon.*

Trinity Term begins June 15, ends July 4, hath 4 Returns.

On the Morrow of the Holy Trinity	*June* 11	12	13	15	*Frid.*
In eight Days of the Holy Trinity	17	18	19	20	*Wed.*
From the Day of the Holy Trin. in 15 Days	24	25	26	27	*Wed.*
From the Day of the H. Trin. in 3 Weeks	*July* 1	2	3	4	*Wed.*

Michaelmas Term begins Nov. 6, ends Nov. 28, hath 4 Returns.

On the Morrow of *All Souls*	*Nov.* 3	4	5	6	*Tuef.*
On the Morrow of St. *Martin*	12	13	14	15	*Thur.*
In eight Days of St. *Martin*	18	19	20	21	*Wed.*
In fifteen Days of St. *Martin.*	25	26	27	28	*Wed.*

N. B. No Sittings in *Weſtminſter-Hall* on *Aſcenſion Day*, *Midſummer-Day*, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except *Trinity*, before which it opens only four Days.

Note, The firſt and laſt Days of every Term are the firſt and laſt Days of Appearance.

Lo! here's a Trade, ſurpaſſeth all the Reſt,
No Change annoys the Lawyer's Intereſt;
His Tongue buys Lands, builds Houſes without Toil;
The Pen's his Plough, the Parchment is his Soil:
Him, Storms d ſturb not, nor Militia Bands;
The Tree roots beſt that in the Weather ſtands.

JANUARY hath XXXI Days.

D	♄ ♍	♃ ♐
1	☌	12
6	☍	13
11	☽	14
16	☽	15
21	☽	16
26	☽	17

First Quart. the 5th Day at 1 in the Morn.
Full Moon the 11th Day at 5 Aftern.
Laft Quarter the 18th Day at 6 in the Aftern.
New Moon the 26th Day at Midnight.

D	D	St. Days and Weat.	Moon's Signs.	Moon South.	D A.	Moon rif.	Moon fets.	Aſpects, Sun riſes and ſets.
1	a	Circumci.	*ancles*	3 19	4	8	55	
2	b	The year	*feet*	4 7	5	10	14	
3	c	begins	*toes*	4 53	6	11	34	S. r. 5 m. p. 8.
4	d	with cold	*head*	5 35	7	Morn.		S. ſ. 55 m. p. 3.
5	e	harp win	*face*	6 28	8	0	58	Old Chri. Day.
6	f	Epiphany	*neck*	7 20	9	2	27	
7	G	1S. af. Ch.	*throat*	8 17	10	3	53	☌ ☉ ☿
8	a	Lucian.	*arms*	9 17	11	5	14	Plow-Monday.
9	b	and mixed	*ſhould.*	10 18	12	6	11	
10	c	ſort of	*breaſt*	11 21	13	6	59	S. r. 56 m. p. 7.
11	d	weather.	*ſtom.*	Morn.	☽	Riſes.		S. ſ. 4 m. p. 4.
12	e	O. N. Y-d.	*heart*	0 22	15	5	19	
13	f	cold froſty	*back*	1 18	16	6	30	
14	G	2 S. af. Ep.	*bowels*	2 14	17	7	39	
15	a	nights, and	*belly*	3 6	18	8	51	S. r. 57. m. p. 7.
16	b	ſnow.	*reins*	3 52	19	10	2	S. ſ. 4 m. p. 4.
17	c	Old T. D.	*and*	4 37	20	11	16	
18	d	Q. C. bi-d.	*loins*	5 20	21	Morn.		
19	e	freezing	*ſecret*	6 1	22	0	32	
20	f	winds.	*members*	6 45	23	1	48	S. r. 50 m. p. 7.
21	G	3 S. af. Ep.	*hips*	7 31	24	3	2	S. ſ. 12 m. p. 4.
22	a	weather	*and*	8 18	25	4	16	Vincent.
23	b	Ter. beg.	*thighs*	9 4	26	5	13	
24	c	Con. St. P.	*knees*	9 53	27	6	0	
25	d	various,	*hams*	10 41	28	6	49	
26	e	rain or	*legs*	11 29	☽	Sets.		☌ ♃ ☿
27	f	ſnow.	*and*	0 A 17	1	5	36	
28	G	4 S. af. Ep.	*ancles*	1 4	2	6	42	S. r. 25 m. p. 7.
29	a	foggy	*feet*	1 50	3	7	50	S. ſ. 26 m. p. 4.
30	b	K. C. I. M.	*toes*	2 37	4	9	3	
31	c	morning.	*head*	3 22	5	10	15	☌ ♃ ☿

Not to reprove the Vices of the Town,
Nor yet the Sottiſhneſs of every Clown;
Diſcretion takes effect where Vigor fails,
Where Cunning ſpeeds not outward Force prevails;
The Virtues both of Body and of Mind
Are ſtill to be regarded in their Kind.

Old Stile.	New Stile.	☉	☽	☿	♀	♂	♃	♄	Monthly Obſervations.
21	1	11 13	28 51	15	21	6			
22	2	12 15	11 ♓ 53	15	22	8			
23	3	13 16	24 37	16	23	10	The Firſt Day of the Firſt Week's Creation.		
24	4	14 17	7 ♈ 24	17	25	11			
25	5	15 19	10 23	18	26	13			
26	6	16 20	4 ♉ 25	1	27	15	ARGUMENT.		
27	☽	17 21	18 34	19	28	16	God's Aid implor'd, the Sum of all propos'd,		
28	8	18 22	3 ♊ 7	20	30	18			
29	9	19 23	17 39	21	♍	19	World not eternal, nor by Chance propos'd;		
30	10	20 24	3 ♋ 5	22	2	21			
31	11	21 25	18 16	23	3	23	But of meer Nothing God it Eſſence gave;		
Jan. 1	12	22 26	3 ♌ 1	23	5	24			
2	13	23 27	18 12	24	0	26	It had Beginning, and an End ſhall have.		
3	☾	24 28	2 ♍ 38	25	7	28			
4	15	25 29	16 37	26	8	29	Chriſt Atheiſts quipt, the Heathen Clerks controul'd,		
5	16	26 30	0 ♎ 6	26	10	♒			
6	17	27 32	13	27	11	3	Doom's glorious Day ſtar, Doctors blam'd for bold.		
7	18	28 33	25 44	28	12	5	The Matter form'd, Creation of the Light;		
8	19	29 34	8 ♏	29	13	6			
9	20	♒ 35	20 2	29	15	8	Alternate Changes of the Day and Night:		
10	☽	1 36	1 ♐ 5	♍	16	10	The Birth of Angels, ſome for Pride dejected;		
11	22	2 36	13 42	1	17	11	The reſt perſiſt in Grace, and guard th' elected.		
12	23	3 37	25 28	1	18	13			
13	24	4 40	7 ♍ 17	2	20	15			
14	25	5 41	19 12	3	21	16	Thou glorious Guide of Heav'ns ſtar glittering Motion,		
15	26	6 41	1 ♒ 15	4	22	18	Thou, the true Neptune, Tamer of the Ocean,		
16	27	7 42	13 27	5	23	20			
17	☾	8 43	25 45		25	22			Thou
18	29	9 44	8 ♓ 25		♎	23			
19	30	10 44	21 11	7	27	25			
20	31	11 45	4 ♈ 9	8	28	27			

FEBRUARY hath XXVIII Days.

D.	♄ ♋	♃ ♐
1	28	18
6	27	18
11	27	19
16	27	20
21	26	21
26	26	21

First Quarter 3d Day at 1 Afternoon.
Full Moon 10th Day at 4 in Morn.
Last Quarter 17th Day at 1 Afternoon.
New Moon 25th Day at 4 Afternoon.

D.	D.	St. Days and Weat.	Moon's Signs.	Moon South.		☽ A	Moon ris.	sets.	Aspects, Sun rises and sets.
1	d	this month	*face*	4	10	6	11	26	*Sun r.* 31 *m. p.* 7.
2	e	P. B. V. M.	*neck*	5	2	7	Morn.		Candlemas.
3	f	is ushered	*and*	5	56	8	0	40	*Sun s.* 30 *m. p.* 4.
4	G	5 S. aft. Ep.	*throat*	6	53	9	1	55	
5	a	in with	*arms*	7	56	10	3	9	Day increased
6	b	snow or	*should.*	8	53	11	4	14	1 *h.* 30 *m.*
7	c	rain, like	*breast.*	9	54	12	5	10	✱ ☉ ♃.
8	d	windy and	*stomach*	10	55	13	5	56	
9	e	cold, but	*heart*	11	59	14	☽ rise		*Sun r.* 20. *m p.* 7
10	f	grows	*back*	Morn.		O	5	43	*Sun s.* 40 *m. p.* 4
11	G	Sept. Sun.	*bowels*	0	41	16	7	2	
12	a	Ter. ends	*belly*	1	28	17	8	20	
13	b	Old C. D.	*reins*	2	19	18	9	36	
14	c	Valentine.	*loins*	3	5	19	10	50	
15	d	warmer,	*secret*	3	50	20	11	56	*Sun r.* 11 *m. p.* 7
16	e	with a	*and*	4	37	21	Morn		*Sun s* 50 *m. p.* 4
17	f	moist air.	*memb.*	5	23	22	1	6	✱ ♃ ♀
18	G	Sex. Sun.	*hips*	6	10	2	2	8	
19	a		*thighs*	6	58	24	3	10	
20	b	Rough	*knees*	7	47	25	4	0	
21	c	winds,	*and*	8	35	26	4	40	Day 10 *h.* 20 *m*
22	d	cold, and	*hams*	9	23	27	5	26	
23	e	sharp air,	*legs*	10	11	28	6	0	☍ ♄ ♂ ☌ ☉ ☿
24	f	with frost.	*ancles*	10	57	29	6	30	S. Matthias.
25	G	Shrove S.	*feet*	11	46	O	☽ sets		*Sun r.* 55 *m. p.* 6
26	a	snow.	*toes*	0	33	1	6	36	*Sun s.* 4 *m. p.* 5
27	b	Shrove T.	*head*	1	19	2	7	48	☌ ♀ ☿
28	c	Ash-Wed.	*and*	2	7	3	9	[illegible]	

It proſpers ever beſt in all Eſtates,
When Mars and Pallas are continual Mates;
And thoſe Affairs but ſeldom lucky be,
In which theſe needful Powers do not agree:
That Common-wealth in which good Arts are found
Without a Guard will ſoon receive a Wound.

Old Stile.	New Stile.	☉	☽	☿	♀	♂	Monthly Obſervations.
1	1	12 47	17 47	9 30	28		
22	2	13 47	0♉46	10 ♒	♓		
23	3	14 48	14 26	10 2	1		
24	4	15 49	28 23	11 3	3		Thou Earth's dread Shaker, at whoſe only Word
25	5	16 49	12♊38	12 5	4		Th' Eolian Scouts are quickly ſtill'd and ſtir'd,
26	6	17 50	27 9	3 6	6		
27	7	18 51	11♋54	13 7	7		Lift up my Soul, my drowſy Spirits refine,
28	8	19 52	26 43	14 8	8		
29	9	20 53	11♌39	15 10	9		With learned Art enrich this Work of mine:
30	10	21 53	26 16	16 11	10		
31	11	22 54	10♍39	16 12	10		O Father grant I ſweetly warble forth
Feb. 1	12	23 55	24 37	17 14	11		Unto our Seed the World's renowned Birth,
2	13	24 55	8♎10	8 15	12		
3	14	25 56	21 25	9 16	12		Grant, gracious God, that I record in Verſe
4	15	26 56	3♏35	19 17	12		The rareſt Beauties of this Univerſe,
5	16	27 57	16 14	20 18	♈		And grant therein thy Power I may diſcern;
6	17	28 57	28 1	1 21	12		
7	18	29 58	10♐10	22 22	11		That teaching others I myſelf may learn:
8	19	♓ 58	21 59	22 23	10		And alſo grant, Great Architect of Worlders,
9	20	1 58	3♑47	23 23	9		
10	21	2 59	15 40	24 25	9		Whoſe mighty Voice ſpeaks in the midſt of Thunders,
11	22	3 59	27 41	25 26	8		
12	23	4 59	9♒53	25 27	7		Cauſing the Rocks to rock, and Hills to tear,
13	24	5 59	22 19	26 28	6		
14	25	6 59	4♓58	27 30	5		Calling the things that are not, as they were,
15	26	8 1	17 51	28 ♓	4		Confounding
16	27	9 0	0♈37	28 9	3		
17	28	10 0	14 14	29 3	2		

MARCH hath XXXI Days.

First Quarter the 4th Day at 9 Night.
Full Moon the 11th Day at 4 Afternoon.
Last Quarter the 19th Day at 10 Morning.
New Moon the 27th Day at 5 Morning.

☿	♄	♃
1	26	2
6	26	2
11	26	2
16	5	2
21	5	2
26	☽	2

D	D	St. Days and Wea.	Moon's Signs.	Moon South.		D A.	Moon rif. sets.		Aſpects, Sun riſes and ſets.
1	d	David	*face*	2	57	4	10	20	*Sun r. 52 m. p. 6*
2	e	Chad.	*neck*	3	50	5	11	38	*Sun ſ. 9 m. p. 5.*
3	f	briſk gales	*throat*	4	46	6	Morn.		
4	G	1 S. in L.	*arms*	5	44	7	0	53	
5	a	Prs. Heſſe	born.	6	43	8	2	3	Day inc. 3 *h*
6	b	and hail,	*breaſt*	7	41	9	3	1	10 *m.*
7	c	Ember W.	*ſtomach*	8	40	10	3	50	*Sun r. 38 m. p. 6*
8	d	with ſome	*heart*	9	37	11	4	32	*S. ſ. 23 m. p. 5.*
9	e	froſty	*back*	10	38	12	5	6	
10	f	mornings.	*bowels*	11	20	13	5	40	Day 11 *h.* 35 *m.*
11	G	2 S. in L.	*belly*			O	☽ riſes.		long.
12	a	inclined to	*reins*	0	10	15	7	15	Gregory.
13	b	rain or	*and*	0	56	16	8	30	△ ☉ ♃
14	c	ſleets.	*loins*	1	45	17	9	42	*Sun r. 21 m. p. 6.*
15	d	ſeaſonable	*ſecret*	2	30	18	10	52	*S. ſ. 40 m. p. 5.*
16	e	weather	*members*	3	19	19	11	56	△ ☉ ♄
17	f	S. Patrick.	*hips*	4	6	20	Morn.		□ ♃ ♀
18	G	3 S. in L.	*and*	4	55	21	0	58	△ ♄ ♀
19	a	for the	*thighs*	5	42	22	1	50	
20	b	eaſon.	*knees*	6	31	23	2	38	*Sun r. 2 m. p. 6.*
21	c		*hams*	7	19	24	3	18	*S. ſ. 0 m. p. 6.*
22	d	highwinds	*legs*	8	7	25	3	52	
23	e	with cold	*ancles*	8	54	26	4	42	
24	f	blaſts.	*feet*	9	41	27	4	47	
25	G	4 S. in L.	*and*	L.	Day	28	5	10	Midlent Sund.
26	a		*toes*	11	16	O	☽ ſets.		
27	b	warmer,	*head*	0	A 6		7	1	*Sun r. 50 m. p. 5.*
28	c	and more	*face*	0	57	1	8	18	
29	d	pleaſant.	*neck*	1	50	2	9	34	♂ ☉ ♀
30	e		*throat*	2	45	3	10	50	*Sun r. 44 m. p. 5.*
31	f		*arms.*	3	43	4	Morn.		*S. ſ. 16 m. p. 6.*

Pearse. MARCH, 1770.

Let me be wing'd with a swift Desire,
And not with slow Affections that will tire;
But look to this as to the principal,
That Love does make them truly musical;
For Love's a good Musician, and will show
How every faithful Lover may be so.

Old Stile. D	New Stile. D	☉ °	♓ ′	☽ °	♈ ′	♂ ♑	♀ ♓	☿ ♓	Monthly Observations.
18	1	12	0	27	43	30	5	1	
19	2	12	1	11 ♉	21	♒	6	♒	
20	3	13	1	25	8	1	7	29	Confounding mighty Things by means
21	G	14	1	9 ♊	4	2	8	29	of weak,
22	5	15	1	23	10	3	10	28	Teaching dumb Infants thy dread
23	6	16	1	7 ♋	25	4	11	28	Praise to speak,
24	7	17	1	21	4	4	12	28	Inspiring Wisdom into those that
25	8	18	0	6 ♌	14	5	13	27	want,
26	9	19	0	20	38	6	15	27	And giving Knowledge to the Igno-
27	10	20	0	4 ♍	56	7	16	D	rant;
28	G	21	0	18	59	7	17	27	Grant me, Good Lord, as thou hast
29	12	22	0	2 ♎	44	8	18	28	given me Heart
Mar.	13	23	59	16	18	9	20	28	To undertake so excellent a Part,
	14	24	59	29	9	10	21	28	Grant me such Judgment, Grace,
4	15	25	59	11 ♏	47	10	22	29	and Eloquence,
5	16	26	58	24	7	11	23	2[illegible]	So correspondent to that Excellence,
6	17	27	58	6 ♐	14	2	25	♓	That in some Measure I may seem to
7	G	28	57	18	6	13	26	1	inherit,
8	19	28	57	29	55	13	27	2	Elisha like, my dear Elias' Spirit:
9	20	29	57	11 ♑	8	14	28	2	Clear Fire for ever hath not Air em-
10	21	♈	56	23	43	15	29	3	brac'd,
11	22	1	55	5 ♒	9	16	♈	4	Nor Air for ay inviron'd Waters vast,
12	3	2	55	18	9	16	2	5	Nor Waters always wrapt the Earth
13	24	3	54	0 ♓	44	17	3	6	therein,
14	G	4	5[illegible]	13	37	8	5	7	But all this All did once of Nought
15	26	5	53	26	48	19	6	8	begin.
16	27	6	52	10 ♈	[illegible]	9	7	9	Once all was made not by the Hand
17	28	7	51	23	57	20	8	11	of Fortune,
8	9	8	50	7 ♉	49	21	10	12	As fond Democritus did erst impor-
9	30	9	50	21	5	22	11	13	tune,
20	[illegible]	[illegible]	4[illegible]	[illegible] ♊	[illegible]	[illegible]	12	14	With jarring Concords making Notes
									to meet,
									Invisible, immortal, infinite.

PRIL hath XXX Days.

D	♓ ♋	♃ ♐
1	25	24
6	25	24
11	25	R
16	26	24
21	26	24
26	26	24

Quarter the 3d Day at 4 in Morn.
Moon the 10th Day at 4 in Morn.
Quarter the 18th Day at 5 in Morn.
Moon the 25th Day at 4 Aftern.

St. Days and Weat	Moon's Signs.	Moon South.		☽ A.	Moon ris.	sets.	Aspects, Sun rises and sets.
5 S. in L	*should.*	4	45	5	0 M	1	*Sun r. 38 m p. 5.*
A gentle	*breast*	5	43	6	1	6	✱ ♃ ♂
air, with	*stomach*	6	42	7	1	57	*S. s. 24 m. p. 6.*
	head	7	37	8	2	40	
O.L. Day.	*back*	8	29	9	3	14	Day 13 *h.* 19*m.*
sweet and	*bowels*	9	20	10	3	52	long.
	belly	10	10	11	4	8	
Palm Sun.	*and*	10	57	12	4	34	□ ♃ ☿
	reins	11	44	13	☽ rises		*Sun r. 26. m p 5*
pleasant	*loins*	Morn.		14	7	34	△ ♃ ♀
showers	*secret*	0	30	15	8	44	□ ♄ ♀
of rain.	*members*	1	17	16	9	55	*S. s. 42 m. p. 6.*
G. Friday	*hips*	2	10	17	10	54	
	and	2	55	18	11	20	
East, Sun	*thighs*	3	43	19	Morn.		
cloudy,	*knees*	4	31	20	0	38	□ ☉ ♄
oggy air,	*hams*	5	20	21	1	21	*Sun r. 7 m. p. 5*
Elutherus	*legs*	6	8	22	1	58	*S. s. 59 m. p. 6.*
which	*and*	6	54	23	2	26	
ends in	*ancles*	7	39	24	2	51	Day 14 *h.* 15 *m.*
cold rain.	*feet*	8	26	25	3	18	long.
Low Sun	*toes*	9	13	26	4	41	✱ ♂ ♀
St. Georg	*head*	9	52	27	4	6	
A pleasant	*face*	10	52	28	☽ sets.		□ ♄ ☿
St. Mark	*neck*	11	47	O			
seasonable	*throat*	0 A	15	1	8	44	
weather,	*arms*	1	43	2	10	0	*Sun r. 50 m. p 4.*
rain, wind,	*should.*	2	44	3	11	8	*S. s. 12 m p. 7*
2 S. aft. Ea	*breast.*	3	45	4	Morn.		
or thunder	*stomach*	4	48	5	0	4	

Lord what a Coil is here, and what a pother,
To save and get, to scratch and scrape together,
The Rubbish of the World; and to acquire
Those Vanities which Fancy doth desire,
What Violence is used, and what Cunning,
What nightly Watchings, and what daily Running.

Old Stile.	New Stile.	☉ °	☽ ′	☽ °	☽ ′	♂ ♒	♀ ♈	☿ ♓	Monthly Observations.
21	G	11	4	20	3	23	13	16	
22	2	12	47	4 ♋	13	24	14	17	
23	3	13	46	18	22	25	16	18	
24	4	14	45	2 ♌	30	25	17	20	
25	5	15	44	16	35	26	18	21	Th' immutable divine Decree which
26	6	16	43	0 ♍	33	27	20	23	shall
2	7	17	41	14	23	28	21	24	Cause the World's End, caus'd its
28	G	18	40	28	1	28	22	25	Original,
2	9	19	39	11 ♎	23	29	23	27	Neither in Time, nor yet before the
30	10	20	38	24	2	♓	24	29	same,
31	11	21	37	7 ♏	16	1	26	♈	But in the Instant when Time first
	12	22	35	19	47	1	27	2	became;
April.	13	23	33	2 ♐	2	2	28	3	I mean a Time confused for the
	14	24	33	14	5	3	29	5	Course
4	G	25	31	26	0	4	♉	7	Of Years, of Months, of Weeks,
5	16	26	30	7 ♑	51	4	2	9	of Days, of Hours;
6	17	7	28	19	42	5	3	10	Of Ages, Times, and Seasons, is
7	18	8	27	1 ♒	30	6	4	12	confin'd
8	19	29	25	13	46	7	6	14	By th' order'd Dance unto the Stars
9	20	8	24	26	8	7	[illegible]	16	sign'd.
10	21	1	21	8 ♓	48	8	8	18	Before all Time, all Matter, Form,
11	G	2	20	21	49		9	19	and Place,
12	23	3	19	5 ♈	12	0	10	2	God all in all, and all in God, it was
13	24	4	17	18	56	10	12	23	Immutable, immortal, infinite,
1[illegible]	25	5	16	2 ♉	58	11	13	25	Incomprehensible, all Spirit, all Light,
	26	6	14	17	16	12	4	27	All Majesty, all Self-omnipotent,
16	27	7	12	1 ♊	43	3	15	29	Invisible, impassive, excellent,
17	28	8	10	6	14	3	17	♉	Pure, wise, just, good God, reign'd
18	G	9	8	0 ♋	43	14	18	3	alone at rest,
19	0	10	7	15	1[illegible]	[illegible]	0	5	Himself

MAY hath XXXI Days.

D	♄ ♋	♃ ♐
1	26	24
6	27	23
11	27	23
16	28	22
21	28	21
26	28	21

First Quarter the 2d Day at 9 in the Morn.
Full Moon the 9th Day at 6 in the Aftern.
Last Quarter the 17th Day at 10 at Night.
New Moon the 24th Day at Midnight.
First Quarter the 31st Day at 4 Afternoon.

☽	D	St. Days. and Weat.	Moons Signs.	Moon South.		☽ A.	Moon ris.	sets	Aspects, Sun rises and sets.
1	b	S. Ph. & Ja.	*stomach*	5	40	6	0	☽ Sets	*Sun r.* 47 *m.p.*4.
2	c	Term beg.	*heart*	6	33	7	1	26	*S. sets* 17 *m.p.*7.
3	d	some good	*back*	7	24	8	1	55	
4	e	spring	*bowels*	8	14	9	2	22	☌ ☉ ☿
5	f		*belly*	9	0	10	2	46	
6	G	3 S. aft. Ea.	*reins*	9	47	11	3	6	✱ ♄ ♀
7	a	weather;	*loins*	10	33	12	3	30	✱ ♂ ☿
8	b	wet, slab-	*secret*	11	19	13	3	52	*Sun r.* 28 *m.p.*4.
9	c	by; some	*and*	Morn.		14	☽ Rises		*S. sets* 34 *m.p.*7.
10	d	storms, if	*members*	0	7	15	8	55	✱ ♄ ☿ □ ♃ ♂
11	e	not thun-	*hips*	0	55	16	9	51	
12	f	der and	*thighs*	1	43	17	10	42	
13	G	4 S. aft. Ea.	*knees*	2	31	18	11	28	
14	a	lightning,	*and*	3	20	19	Morn.		
15	b	with hail	*hams*	4	8	20	0	6	
16	c	and rain;	*legs*	4	53	21	0	36	☌ ♀ ☿
17	d	abate of	*ancles*	5	40	22	1	3	△ ♄ ♂
18	e	heat, with	*feet*	6	24	23	1	25	*Sun r.* 11 *m.p.*4.
19	f		*and*	7	10	24	1	49	Q. Cha. born.
20	G	Rog. Sun-	*toes*	7	55	25	2	10	✱ ☉ ♄
21	a	cold winds	*head*	8	43	26	2	3	
22	b	and some	*face*	9	35	27	2	52	☍ ☉ ♄
23	c		*neck*	10	29	28	3	28	
24	d	Ascen.	*throat*	11 A	39	29	☽ Sets.		Holy Thursday
25	e	showers.	*arms*	0	31	0	9	5	Sun eclip. inv.
26	f	Now ex-	*should.*	1	32	1	9	58	☍ ♃ ♀
27	G	6 S. aft. Ea.	*breast*	2	35	2	10	48	☍ ☉ ♂
28	a	Term en's	*stomach*	3	35	3	1	30	
29	b	K. Ch. R.	*heart*	4	31	4	Morn.		
30	c	pect good	*back*	3	23	5	0	4	
31	d	weather.	*bowels.*	6	11	6	0	30	

Old Style. New Style.

God grant me Grace to spend my Life-time so
That I my Duty still may seek to know;
And that I never may so far proceed,
To think that I more Knowledge do not need,
But in Experience may continue growing
Till I am fill'd with Fruits of pious Knowing.

D	D	☉ °	☿ ′	☽ °	♃ ′	♂ ♓	♀ ♉	♄ ♉	Monthly Observations.
20	1	11	4	29	23	16	20	8	
21	2	12	2	13 ♌	27	17	22	10	
22	3	13	1	27	20	18	23	12	Himself alone Self's Palace, Host, and Guest:
23	4	13	59	11 ♍	0	18	24	14	Thou scoffing Atheist that enquirest what
24	5	14	58	24	26	19	25	16	Th'Almighty did before he framed that;
25	☾	15	56	7 ♎	39	20	26	18	What weighty Work his Mind was busied on
26	7	16	54	20	27	21	28	21	Eternally before this World begun;
27	8	17	52	3 ♏	22	21	29	23	Sith so deep Wisdom and Omnipotence,
28	9	18	49	15	52	22	♊	25	Nought worse beseems then Sloth and Negligence:
29	10	19	46	28	10	23	1	27	Know, bold Blasphemers, before he built
30	11	20	44	10 ♐	16	24	3	29	A Hell to punish the presumptuous Guilt;
May 1	12	21	42	22	15	24	4	♊	Of those Ungodly whose proud Sense dares cite,
2	☾	22	39	4 ♑	7	25	5	3	And censure too his Wisdom infinite.
3	14	23	37	15	57	26	6	5	So bright a Sun dazzles my tender Sight,
4	15	24	35	27	48	27	8	7	So deep Discourse my Sense confoundeth quite;
5	16	25	33	9 ♒	45	27	9	9	My Reason's Edge is dull'd in this Dispute,
6	17	26	31	21	52	28	10	11	And in my Mouth my fainting Words are mute.
7	18	27	28	4 ♓	14	29	11	13	
8	19	28	26	16	51	30	12	15	
9	☾	29	24	29	51	♈	14	17	
10	21	0 ♊	21	13 ♈	16	1	15	19	
11	22	1	19	27	7	2	16	20	
12	23	2	16	11 ♉	21	3	17	22	
13	24	3	14	25	56	3	19	23	
14	25	4	11	10 ♊	46	4	20	25	
15	26	5	9	25	42	5	21	26	
16	☾	6	6	10 ♋	36	6	22	28	
17	28	7	4	25	22	6	23	29	
18	29	8	1	9 ♌	52	7	25	♋	
19	30	8	59	24	4	8	26	2	
20	31	9	56	7 ♍	55	9	27	3	

JUNE hath XXX Days.

Full Moon the 8th Day at 10 Morning.
Laſt Quarter the 16th Day at Noon.
New Moon the 23d Day at 8 Morning.
Firſt Quarter the 29th Day at Midnight.

D	♄ ♋	♅ ♑
1	29	21
6	29	20
11	♌	19
16	1	19
21	1	18
26	2	17

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.	D	Moon Ar. & ſets	Aſpects & Sun riſes and ſets.
1	e		*belly*	6 A 59	7	o M 10	
2	f	*Gentle*	*reins*	7 45	8	1 12	
3	G	Whit. Sun.	*loins*	8 31	9	1 34	
4	a	K. G. III. b.	*ſecret*	9 27	10	1 56	
5	b		*and*	10 4	11	2 20	
6	c	Emb. week.	*memb.*	10 52	12	2 48	
7	d	*breezes, with*	*hips*	11 38	13	3 20	
8	e	*fine warm*	*thighs*	Morn	☽	☽ riſes	
9	f	*weather.*	*knees*	o 28	15	9 22	
10	G	Trin. Sun.	*and*	1 15	16	10 3	Prs. Amelia b.
11	a	Barnabas.	*hams*	2 4	17	10 36	
12	b	*Now expect*	*legs*	2 50	18	11 4	☌ ☉ ♃
13	c	*thunder, or*	*ancles*	3 35	19	11 28	
14	d	Corp. Chriſt.	*feet*	4 19	20	11 52	♂ ♀ ☿
15	e	Termbegins	*and*	5 4	21	Morn	△ ♃ ♂
16	f	*high winds.*	*toes*	5 48	22	o 12	
17	G	1 S. af. Trin	*head*	6 55	23	o 35	
18	a	*Warm rains.*	*face*	7 22	24	o 57	
19	b		*neck*	8 12	25	1 22	
20	c	*Seaſonable*	*throat*	9 6	26	1 53	
21	d	Longeſt Day	*arms*	10 5	27	2 33	
22	e	*weather now*	*ſhould.*	11 7	28	3 22	
23	f	*about.*	*breaſt*	o A 13	☾	☽ ſets	□ ♂ ♀
24	G	2 S. af. Trin.	*ſtom.*	1 15	1	9 16	St. John Bap.
25	a	*Hot ſeaſon*	*heart*	2 14	2	9 53	
26	b	*this month;*	*back*	3 10	3	10 25	
27	c	*ends with*	*bowels*	4 3	4	10 52	
28	d	*gentle rains.*	*belly*	4 51	5	11 15	♂ ♄ ♀
29	e	St. Pet. & Pa.	*reins*	5 39	6	11 36	
30	f		*and*	6 25	7	11 59	

Old Stile. New Stile.

In Objects here on Earth we ſeek to find
That perfect Solidneſs which is confin'd
To Things in Heav'n; though ev'ry Day we ſee
What Emptineſs and Failings in them be;
The beſt which of Earth's beſt Things we can ſay,
It is that they are Graſs, and will be Hay.

D	D	☉ °	☉ ′	☽ °	☽ ′	♂ ♈	♀ ♊	♃ ♋	Monthly Obſervations.
21	1	10	54	21	20	9	28	4	
22	2	11	51	4	♎38	10	30	5	
23	G	12	49	17	32	11	♋	6	Trinity, which rather I adore
24	4	13	46	♏	12	12	2	7	In Humbleneſs, then buſily explore;
25	5	14	43	12	37	12	3	8	In th' Infinite of Nothing builded all,
26	6	15	41	24	52	13	4	9	This artificial, great, rich, glorious
27	7	16	38	6	♐57	14	6	10	Ball:
28	8	17	35	18	55	15	7	11	Wherein appears ingrav'n, on ev'ry Part,
29	9	18	33	♑	48	15	8	11	The Builder's Beauty, Greatneſs,
30	G	19	30	12	31	16	9	12	Wealth, and Art;
31	11	20	27	24	27	17	11	12	Climb they that lift the Battlements
June	12	21	25	6	♒19	18	12	13	of Heav'n,
	13	22	21	18	16	18	13	13	And with the Whirlwind of Am-
3	14	23	19	♑	♓22	19	14	13	bition driv'n,
4	15	24	16	12	41	21	15	14	Beyond the World's Walls let thoſe
5	16	25	13	25	16	21	17	14	Eagles fly,
6	G	26	10	8	♈11	21	18	14	And gaze upon the Sun of Ma-
7	18	27	8	21	30	22	19	℞	jeſty.
8	19	28	5	5	♉16	23	20	14	Let other ſome, whoſe fainting Spirits
9	20	29	2	19	30	24	22	14	droop,
10	21	29	59	4	♊ 8	24	23	13	Down to the Ground their Medita-
11	22	♋	57	19	8	25	24	13	tions ſtoop;
12	23	1	54	4	♋19	26	25	13	And ſo contemplate on theſe Work-
13	G	2	51	19	33	27	26	12	manſhips,
14	25	3	48	4	♌39	27	28	12	That th' Authors praiſe they in them-
15	26	4	45	19	28	28	29	11	ſelves eclipſe:
16	27	5	43	3	♍53	29	♌	11	My heedful Muſe, trained in true
17	28	6	40	17	51	29	1	10	Religion,
18	29	7	37	1	♎23	♉	2	10	Divinely humane, keeps the middle
19	30	8	34	14	20	1	4	9	Region:

JULY hath XXXI Days.

D	♄ ♌	♃ ♐
1	2	17
6	3	16
11	4	16
16	4	15
21	5	15
26	5	15

Full Moon the 7th Day at Midnight.
Last Quarter the 15th Day at 11 Night.
New Moon the 22d Day at 3 Afternoon.
First Quarter the 29th Day at Noon.

☽	D	Saints Days & Weather.	Moon's Signs.	Moon South.		☽ A	Moon r. & set.		Aspects & Sun rises and sets.
1	G	3 S. aft. Trin.	*loins*	7 A	11	8	Morn.		☌ ☉ ☿
2	a	Vis. B. V. M.	*secret*	8	2	9	0	22	□ ♄ ♂
3	b	*Some rain,*	*memb.*	8	44	10	0	50	*Sun rises* 49′ *p.* 3
4	c	Term ends.	*hips*	9	31	11	1	21	*Sun sets* 11′ *p.* 8
5	d	O. Mid. Day	*and*	10	19	12	2	59	
6	e	*with thunder*	*thighs*	11	7	13	2	40	✱ ♂ ☿
7	f	Tho. a Beck	*knees*	11	55	14	☽ rises		
8	G	4 S. aft. Trin.	*hams*	Morn.		○	8	30	*Sun rises* 54′ *p.* 3
9	a	*Fair and*	*legs*	0	41	16	9	0	*Sun sets* 5′ *p.* 8
10	b	*pleasant*	*and*	1	27	17	9	26	
11	c	*weather.*	*ancles*	2	13	18	9	48	△ ♃ ♀
12	d		*feet*	2	58	19	10	10	
13	e	*Now right*	*toes*	3	41	20	10	32	*Day dec.* 18′
14	f		*head*	4	26	21	10	54	
15	G	5 S. aft. Trin.	*face*	5	11	22	11	17	Swithin.
16	a		*neck*	6	0	23	11	45	*Sun rises* 2′ *p.* 4
17	b	*summer wea-*	*and*	6	49	24	Morn.		*Sun sets* 58 *p.* 7
18	c		*throat*	7	43	25	0 A	16	
19	d	*ther, with*	*arms*	8	40	26	0	58	
20	e		*should.*	9	43	27	1	57	
21	f		*breast*	10	46	28	3	1	
22	G	6 S. aft. Trin.	*stom.*	11	51	○	☽ sets		Q. of D. bo.
23	a		*heart*	0 A	51	1	8	10	
24	b	*thunder in*	*back*	1	45	2	8	36	*Sun rises* 6′ *p.* 4
25	c	St. James.	*bowels*	2	33	3	9	0	*Sun sets* 54′ *p.* 7
26	d	St. Anne.	*belly*	3	29	4	9	27	
27	e	*some places.*	*reins*	4	16	5	9	48	*Sun rises* 11′ *p.* 4
28	f		*loins*	5	3	6	10	12	*Sun sets* 49′ *p.* 7
29	G	7 S. aft. Trin.	*secret*	5	50	7	10	38	
30	a	Dog Days b.	*memb.*	6	37	8	11	7	☌ ☉ ♄
31	b		*hips*	7	24	9	11	42	✱ ♂ ☿

Pearse. JULY, 1770.

Old Stile.	New Stile.	
		All Men are truly, by their nataral Birth, Like Vines undrest and creeping on the Earth: Not free from Spoiling not in Case to bear, Good Fruits or Leaves while they are groveling there: But if new born in Christ straight born are we, From Earth creeping by that living tree.

D	D	☉ °	♋ ′	☽ °	♎ ′	♂ ♉	♀ ♌	☿ ♋
20	G	9	32	27	15	1	5	8
21	2	10	29	9 ♏	43	2	6	8
22	3	11	26	21	56	3	7	7
23	4	12	23	4 ♐	0	3	9	7
24	5	13	20	15	56	4	10	6
25	6	14	18	27	48	5	11	6
26	7	15	15	9 ♑	38	5	12	5
27	G	16	12	21	28	6	13	5
28	9	17	9	3 ♒	19	7	15	5
29	10	18	6	15	15	7	16	5
30	11	19	3	27	16	8	17	5
July	12	20	1	9 ♓	26	9	18	D
	13	20	58	21	46	9	19	5
3	14	21	55	4 ♈	19	10	22	5
4	G	22	52	17	10	11	23	5
5	16	23	50	0 ♉	22	11	24	6
6	17	24	47	13	58	12	25	6
7	18	25	44	28	1	13	27	7
8	19	26	41	12 ♊	29	14	28	8
9	20	27	39	27	22	14	28	9
10	21	28	36	12 ♋	33	15	29	10
11	G	29	33	27	51	16	♍	11
12	23	0 ♌	31	13 ♌	7	16	1	11
13	24	1	28	28	7	17	3	12
14	25	2	25	12 ♍	44	18	4	13
15	26	3	23	26	52	18	5	14
16	27	4	20	10 ♎	31	19	6	15
17	28	5	17	23	40	20	7	17
18	G	6	15	6 ♏	25	20	9	18
19	30	7	12	18	49	21	10	20
20	31	8	10	0 ♐	58	22	11	22

Monthly Observations.

Lest if she should too high a Pitch presume,
Heav'n's glowing Flame should melt her waxen Plume;
Or if too low near Earth or Sea she flag,
Loaden with Mists her moistened Wings should lag;
It glads me much to view this Frame wherein,
As in a Glass, God's glorious Face is seen:
I love to look on God, but in this Robe,
Of this great Work, this universal Globe:
For if the Sun's bright Beams declare the Sight,
Of such as fix'dly gaze against his Light;
Who can behold above th'emperial Skies,
The lightning Splendor of God's glorious Eyes;
O who, alas! can find the Lord without
His Works, which bears his Image round about:
God of himself, incapable to Sense,
His Works reveal him t'our Intelligence.

AUGUST hath XXXI Days.

Full Moon the 6th Day at 3 Afternoon.
Laſt Quarter the 14th Day at 8 Morning.
New Moon the 20th Day at 10 Night.
Firſt Quarter the 28th Day at 2 Morning.

D	♄ ☊	♃ ☋
1	6	14
6	7	14
11	8	D
16	8	14
21	9	14
26	10	15

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.	D	Moon Ar. & ſets	Aſpects & Sun riſes and ſets.
1	c	Lammas D.	and	8 ♈ 12	10	Morn.	
2	d		thighs	9 0	11	♉ 0 23	□ ♃ ☿
3	e	The begin-	knees	9 48	12	1 12	
4	f	ning we may	hams	10 32	13	2 6	*Sun riſes 21' p. 4*
5	G	8 S. aft. Trin.	legs	11 12	14	3 6	*Sun ſets 38' p. 7*
6	a	expect cool	and	Morn.	☽	riſes	
7	b	winds which	ancles	0 38	16	7 37	△ ☉ ♃
8	c	perhaps is	feet	0 58	17	8 2	♂ ♄ ☿
9	d	followed by	toes	1 37	18	8 24	*Sun riſes 37' p. 4*
10	e	St Lawrence	head	2 21	19	8 46	△ ♃ ☿
11	f		and	3 7	20	9 8	*Sun ſets 22' p. 7*
12	G	9 S. aft. Trin.	face	3 52	21	9 37	Pr. Wales b.
13	a		neck	4 43	22	10 10	
14	b	ſome ſhowers,	throat	5 36	23	10 49	*Day 14 hours*
15	c	Aſſ. B.V.M.	arms	6 31	24	11 34	*31 min. long.*
16	d	Pr. Fred. bo.	ſhould.	7 19	25	Morn.	
17	e	eſpecially at	breaſt	8 19	26	0 32	♂ ☉ ☿
18	f	the new moon.	ſtom.	9 20	27	1 43	*Sun riſes 50' p. 4*
19	G	10 S. af. Trin	heart	10 22	28	3 10	△ ♂ ☿
20	a	More fair	back	11 22	29	☽ ſets	*Sun ſets 6' p. 7*
21	b	Pr. W. He. b.	bowels	0 ♉ 25	☌	6 56	
22	c	and warm.	belly	1 17	1	7 22	
23	d	Perhaps ſome	reins	2 8	2	7 48	□ ♂ ☿
24	e	St. Bartholo.	loins	2 57	3	8 14	✱ ♄ ☿
25	f	claps of thun-	ſecret	3 46	4	8 40	
26	G	11 S. af. Trin.	and	4 34	5	9 10	*Sun riſes 6' p. 5*
27	a	der.	memb.	5 22	6	9 44	*Sun ſets 52' p. 6*
28	b	St Auguſtine	hips	6 10	7	10 22	
29	c	Now more	thighs	7 0	8	11 11	✱ ♃ ☿
30	d	mild and	knees	7 48	9	Morn.	✱ ♄ ♂
31	e	pleaſant.	and	8 35		0 3	

New Stile. Old Stile.

Continue, Lord, thy Grace, and grant we may
Firm hold on our Supporter always lay;
So climbing that we not neglect nor hide
God's Love, nor over-climb it by our Pride:
Then our yet staggering Weakness shall at length
Be fully changed into perfect Strength.

D	D	☉ °	☽ ′	☿ °	′	♂ ♉	♀ ♍	♃ ♌	Monthly Observations.
21	1	9	7	12	57	22	12	23	
22	2	10	4	24	49	23	13	25	
23	3	11	2	6	♑ 39	24	15	27	There in our Fingers feel, our
24	4	11	59	18	29	24	16	29	Noſtrils ſmell,
25	G	12	57	0	♒ 22	25	17	♌	Our Palates taſte his Virtues that
26	6	13	54	12	19	26	18	2	excel;
27	7	14	52	24	22	26	19	4	He ſhews him to our Eyes, talks to
28	8	15	50	6	♓ 32	27	21	7	our Ears,
29	9	16	47	18	51	27	22	9	In th'order'd Motions of the ſpang-
30	10	17	45	1	♈ 19	28	23	11	led Spheres.
31	11	18	42	14	0	29	24	13	The World's a School where, in a
Aug.	G	19	40	26	53	29	25	15	general Story,
2	13	20	38	10	♉ 35	30	26	17	God always reads dumb Lectures of
3	14	21	35	23	31	♊	28	19	his Glory,
4	15	22	33	7	♊ 22	1	29	21	The World's a cloud, through which
5	16	23	31	21	35	2	♎	23	there ſhineth clear,
6	17	24	29	6	♋ 11	2	1	25	Not fair Latona's quiver'd darling
7	18	25	26	21	4	3	2	27	Deer;
8	G	26	24	6	♌ 10	3	4	29	But the true Phœbus, whoſe bright
9	20	27	22	21	17	4	5	♎	Countenance
10	21	28	20	6	♍ 14	4	6	3	Through thickeſt vail of darkeſt
11	22	29	18	20	50	5	7	5	night doth glance:
12	23	0	♍ 16	5	♎ 5	6	8	7	The World's a Stage where God's
13	24	1	14	18	49	6	9	8	Omnipotence,
14	25	2	12	2	♏ 4	7	11	10	His Juſtice, Knowledge, Love, and
15	G	3	10	14	53	7	12	12	Providence,
16	27	4	8	27	20	8	13	14	Do act their Parts, contending in
17	28	5	6	9	♐ 29	9	14	16	their Kinds,
18	29	6	4	21	28	9	15	17	Above the Heav'ns to raviſh dulleſt
19	30	7	2	3	♑ 20	10	17	19	Minds.
20	31	8	0	15	10	10	18	21	

SEPTEMBER hath XXX Days.

Full Moon the 5th Day at 6 Morning.
Laſt Quarter the 22d Day at 6 Afternoon.
New Moon the 19th Day at 8 Morning.
Firſt Quarter the 26th Day at 9 Night.

D	♄ ☌ ☊	♃ ☍ ☋
1	10	15
6	11	15
11	11	16
16	12	16
21	12	17
26	13	17

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.	D	Moon R. & ſets	Aſpects & Sun riſes and ſets.
1	f	Giles.	*hams*	9 A 22	11	1 c	
2	G	12 S. af. Trin	*legs*	10 7	12	2 2	London burned
3	a		*ancles*	10 52	13	3 8	in 1666.
4	b	*Some ſhowers*	*feet*	11 43	14	4 16	*Sun riſes 43' p. 5*
5	c	*Cold morn-*	*and*	Morn	☽	riſes	*Sun ſets 15' p. 6*
6	d	*ings, for the*	*toes*	0 23	15	6 40	
7	e	Dog. D. end	*head*	1 9	17	7 24	□ ☉ ♂
8	f	*moſt part fair*	*face*	1 56	18	7 27	□ ☉ ♃
9	G	13 S. aft. Trin	*neck*	2 45	19	7 53	☌ ♃ ♂
10	a	*and fine, yet*	*throat*	3 36	20	8 24	
11	b	Prs Brunſ. b.	*arms*	4 41	21	9 0	*Sun riſes 39' p. 5*
12	c	*there may be*	*ſhould.*	5 27	22	9 42	*Sun ſets 19' p. 6*
13	d	*ſome ſhowers*	*breaſt*	6 25	23	10 34	✶ ♄ ☿
14	e	HolyCroſsD	*ſtom.*	7 24	24	11 39	Holy Rood D.
15	f	*Windy, per-*	*heart*	8 23	25	Morn.	
16	G	14 S. af. Trin	*and*	9 21	26	0 50	✶ ♃ ☿
17	a	*haps thunder.*	*back*	10 15	27	2 10	*Sun riſes 50' p. 5*
18	b	*Hail and*	*bowels*	11 8	28	3 50	*Sun ſets 8' p. 6*
19	c	Ember week	*belly*	0 A 2	N	☾ ſets	
20	d	*rain, and*	*reins*	0 53	1	6 20	△ ♂ ☿
21	e	St. Matthew.	*loins*	1 43	2	6 47	□ ♄ ♀
22	f	K. G. III. cr.	*ſecret*	2 32	3	7 18	
23	G	15 S. af. Trin.	*memb.*	3 22	4	7 [illegible]	*Sun riſes 2' p. 6*
24	a	*windy.*	*hips*	4 11	5	8 28	*Sun ſets 56' p. 5*
25	b	*Foggy and*	*and*	5 [illegible]	6	9 10	
26	c	St. Cyprian.	*thighs*	5 48	7	10 0	*Day inc. 3 hours*
27	d	*moiſt [illegible]*	*knees*	6 36	8	10 56	*20 minutes.*
28	e	*[illegible]ngs.*	*hams*	7 22	9	11 56	*Sun riſes 14' p. 6*
29	f	St. Michael.	*legs*	8 11	10	Morn	Prs Ch. A, M. b.
30	G	16 S. af. Trin.	*and*	8 57	11	1 4	*Sun ſets 44' p. 5*

Pearse. SEPTEMBER, 1770.

Although there be no Timber in the Vine,
Nor Strength to raise the climing Ivy-twine,
The Dresser. to preserve the Fruitful musters,
It forc'd to prop the heavy-laden Clusters,
For one small Root so many sprigs will bear,
That you would think some goodly Grove it were.

Old Stile.	New Stile.	☉ °	♍ ′	☽ °	♑ ′	♂ ♊	♀ ♎	☿ ♍	Monthly Observations.
21	1	8	58	27	2	11	19	23	
22	G	9	56	8 ♒	59	12	20	24	
23	3	10	55	21	4	12	21	26	The World's a Book in Folio, printed all,
24	4	11	53	3 ♓	17	13	22	28	With God's great Works in Letters Capital;
25	5	12	51	15	41	13	23	29	
26	6	13	49	18	15	14	25	♎	Each Creature is a Page, and each Effect
27	7	14	48	11 ♈	0	14	26	2	A fair Character, void of all Defect:
28	8	15	46	23	56	15	27	4	
29	G	16	44	7 ♉	3	16	28	5	But as young Truants, toying in the School,
30	10	17	42	20	22	16	29	7	
31	11	18	41	3 ♊	54	17	♏	9	In Stead of learning learn to play the Fool;
Sept.	12	19	40	17	43	17	2	10	
	13	20	38	1 ♋	42	18	3	11	And never farther for our Lesson look
3	14	21	37	16	0	18	4	13	Within the Volume of this various Book;
4	15	22	36	0 ♌	31	19	5	14	
5	G	23	34	15	11	19	6	16	Where learned Nature rudest Ones instructs,
6	17	24	33	29	54	20	7	17	
7	18	25	32	14 ♍	31	20	8	18	That by his Wisdom God the World conducts;
8	19	26	30	28	55	20	10	20	He comprehends th'Arch-mover of all Motions,
9	20	27	29	12 ♎	59	21	11	21	
10	21	28	28	26	40	21	12	22	And reads, though running, all these needful Notions;
11	22	29	27	9 ♏	56	22	13	24	Therefore by Faith's pure Rays illumined,
12	G	0 ♎	25	22	46	22	14	25	
13	24	1	24	5 ♐	17	23	15	26	These sacred Pandects I desire to read:
14	25	2	23	17	30	23	17	27	
15	26	3	22	29	30	24	18	29	And God the better to behold, behold
16	27	4	21	11 ♑	23	24	19	30	Th'Orb from his Birth in's Ages manifold.
17	28	5	20	23	15	24	20	♏	
18	29	6	19	5 ♒	9	25	21	2	
19	[illegible]	7	18	17	9	25	22	3	Th'admired

OCTOBER hath XXXI Days.

Full Moon the 4th Day at 8 Night.
Laſt Quarter the 11th Day at 10 Night.
New Moon the 18th Day 8 Night.
Firſt Quarter the 26th Day at 4 Afternoon.

D	♄ ☌	♅ ☍
1	13	18
6	14	19
11	14	20
16	15	20
21	15	21
26	15	22

D	D	Saints Days & Weather.	Moon's Signs.	Moon South		D A	Moon r. & ſets		Aſpects & Sun riſes and ſets.
1	a	Remigius.	*ancles*	9	43	12	2 ſet	12	
2	b		*feet*	10	27	13	3	20	*Sun riſes 18′ p. 6*
3	c	*Pleaſant ſea-*	*toes*	11	13	14	4	42	*Suns ſets 40′ p. 5*
4	d	*onable wea-*	*head*	Morn.		☽	riſes		*Day break*
5	e	*ther.*	*face*	0	1	16	5	38	*27 min. p. 4.*
6	f	Faith.	*neck*	0	50	17	6	6	*Day 11 ho. long.*
7	G	17 S.af.Trin	*throat*	1	42	18	6	36	*Day decreaſes*
8	a	*For the moſt*	*arms*	2	36	19	7	10	*5 hours, 22 min.*
9	b	*at the begin-*	*and*	3	32	20	7	50	✶ ☉ ♄
10	c	*ning, but af-*	*ſhould.*	4	29	21	8	40	*Sun riſes 32′ p. 6*
11	d	*terwards*	*breaſt*	5	28	22	9	50	*Sun ſets 26′ p. 5*
12	e	*ſome blaſting*	*ſtom.*	6	26	23	11	9	
13	f	*winds, with*	*heart*	7	22	24	Morn.		
14	G	18 S.af.Trin.	*back*	8	16	25	0	32	✶ ☉ ♅
15	a	*rain or hail.*	*bowels*	9	9	26	2	8	
16	b		*belly*	10	0	27	3	52	
17	c	Etheldred.	*reins*	10	49	28	5	26	*Sun riſes 44′ p. 6*
18	d	St. Luke	*loins*	11	39	☌ ☽	ſets		*Sun ſets 16′ p. 5*
19	e		*ſecret*	0	A 30	1	5	15	
20	f		*memb.*	1	20	2	5	45	△ ♄ ♀
21	G	19 S. af. Trin	*hips*	2	10	3	6	16	
22	a	*Rough and*	*and*	3	0	4	6	52	*Sun riſes 58′ p. 6*
23	b		*thighs*	3	49	5	7	34	*Sun ſets ☌′ p. 4*
24	c		*knees*	4	39	6	8	20	
25	d	K.G.III. in.	*hams*	5	27	7	9	16	St. Criſpin.
26	e	K.G.III.pr.	*legs*	6	13	8	10	14	△ ☉ ♂
27	f		*and*	7	0	9	11	15	♂ ☉ ☿
28	G	20 S. af. Trin	*ancles*	7	42	10	Morn.		St. Sim. & Ju.
29	a		*feet*	8	27	11	0	19	
30	b	*windy wea-*	*toes*	9	12	12	1	20	♂ ♃ ♀
31	c	*ther.*	*head*	10	0	13	3	43	

Old Style. New Style.

When Silver Medals, or ſome Coins of Gold,
Are by the Gold-Smith either bought or ſold,
He doth not only view them with his Eye,
But, by the Scales, their Weight will alſo try,
And by the Touchſtone, or the teſt Aſſay,
The Trueneſs of them and their juſt Allay.

D	D	☉ °	☽ ′	☿ °	☿ ′	♂ ♊	♀ ♍	♃ ♐	Monthly Obſervations.
20	1	8	18	29	20	25	23	4	
21	2	9	17	11 ♐	3	26	24	5	Th'admired Author's Fancy fixed
22	3	10	16	24	19	26	25	6	not,
23	4	11	15	7 ♑	11	26	27	6	On ſome Fantaſtic fore-conceited
24	5	12	14	20	8	27	28	7	Plot;
25	6	13	14	3 ♒	26	27	29	7	Much leſs did he an elder World
26	G	14	13	16	57	28	30	8	erect,
27	8	15	12	0 ♓	39	28	♎	9	By Form whereof he might his Frame
28	9	16	12	14	31	28	2	9	erect;
29	10	17	11	28	30	29	3	10	As th'Architect that buildeth for
30	11	18	11	12 ♈	35	29	4	10	a Prince,
Octob.	12	19	10	26	47	29	5	10	Some ſtately Palace ere he do com-
	13	20	10	11 ♉	2	30	6	11	mence;
	G	21	9	25	17	30	7	11	His royal Work makes Choice of
4	15	22	9	9 ♊	31	♈	9	℞	ſuch a Court,
5	16	23	9	23	38	0	10	11	Where Coſt and Cunning equally
6	17	24	8	7 ♋	35	1	10	10	conſort;
7	18	25	8	21	15	1	11	10	And if he find not in one Edifice,
8	19	26	8	4 ♌	38	1	12	9	All anſwerable to his quaint Device,
9	20	27	8	17	53	1	13	8	From this fair Palace then he takes
10	G	28	7	0 ♍	28	1	14	7	his Front,
11	22	29	7	12	57	2	15	6	From that his Finials, here he learns
12	23	0 ♏	7	25	11	2	16	5	to mount
13	24	1	7	7 ♎	13	2	17	4	His curious Staire, there finds Frieze
14	25	2	7	19	10	2	18	3	and Cornice,
15	26	3	7	1 ♏	2	2	19	2	His other Places other Pieces fur-
16	27	4	7	12	58	2	20	0	niſh,
17	G	5	7	24	58	3	21	♎	And ſo ſelecting every-where the
18	29	6	7	7 ♐	10	3	22	28	beſt,
19	30	7	7	19	39	3	23	27	Doth thirty Models in one Houſe
20	31	8	7	2 ♑	18	3	24	26	digeſt.

Nothing

NOVEMBER hath XXX Days.

D	♄ ☊	♃ ☋
1	16	23
6	16	24
11	16	25
16	16	26
21	16	27
26	℞	29

Full Moon the 3d Day at 9 Morning.
Laſt Quarter the 10th Day at 5 Morning.
New Moon the 17th Day at 10 Morning.
Firſt Quarter 25th Day at 1 Afternoon.

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.	D	Moon Ar. & ſets	Aſpects & Sun riſes and ſets.
1	d	All Saints	*and*	10 48	14	4 50	*Sun riſes 20′ p.* 7
2	e	All Souls	*face*	11 30	15	6 30	Pr. Edw. born.
3	f	*Cold morning*	*neck*	Morn.	☽	rises	*Sun ſets 39′ p.* 4
4	G	21 S. af. Trin	*throat*	0 33	16	5 8	
5	a	Powder Plot.	*arms*	1 29	17	5 59	
6	b	Term beg.	*ſhould.*	2 28	18	6 50	
7	c	D. Cumb. b.	*breaſt*	3 27	19	7 50	
8	d	*We may ex-*	*ſtom.*	4 25	20	9 0	☌ ♂ ♀
9	e	*pect cold rains*	*heart*	5 23	21	10 20	□ ☉ ♄
10	f	*with ſleets,*	*back*	6 18	22	11 40	*Sun riſes 32′ p.* 7
11	G	22 S. af. Trin	*bowells*	7 10	23	Morn.	*Sun ſets 26′ p.* 4
12	a		*belly*	8 0	24	0 54	Martin Day.
13	b	*if not ſnow,*	*reins*	8 50	25	2 14	
14	c	*Some froſty*	*loins*	9 39	26	3 48	△ ♂ ☿
15	d	*weather now*	*ſecret*	10 27	27	5 24	
16	e	*about..*	*and*	11 14	28	7 8	*Eclipſe Sun inv.*
17	f		*memb.*	0 A 4	☽	ſets	*Sun riſes 45′ p.* 7
18	G	23 S. af. Trin	*hips*	0 55	1	4 52	*Sun ſets 14′ p.* 4
19	a		*thighs*	1 45	2	5 30	
20	b	*At new moon*	*knees*	2 33	3	6 20	✶ ♀ ♀
21	c	*more tempe-*	*and*	3 20	4	7 15	□ ♄ ☿
22	d	*rate at the*	*hams*	4 7	5	8 10	
23	e	*end.*	*legs*	4 52	6	9 15	*Sun riſes 52′ p.* 7
24	f		*ancles*	5 36	7	10 26	*Sun ſets 7′ p.* 4
25	G	24 S. af. Trin	*feet*	6 20	8	11 48	D. Glouc. born
26	a		*and*	7 4	9	Morn.	
27	b		*toes*	7 49	10	0 58	
28	c	Term ends.	*head*	8 35	11	2 20	*Sun riſes 58′ p.* 7
29	d		*face*	9 24	12	3 46	*Sun ſets 0′ p.* 4
30	e	St. Andrew	*neck*	10 17	13	5 16	Prs. Do. W. bo.

Old Stile. New Stile.

Diſcourage not yourſelves although you ſee
The Weather black and Storms prolonged be;
What though it fiercely rains and thunders lou',
Behold you'll ſee a Rainbow in the Cloud;
Wherein a faithful Promiſe may be found,
That quite our little World ſhall not be drown'd.

D	D	☉ °	☽ ′	☽ °	☽ ′	♂ ♋	♀ ♐	♃ ♎	Monthly Obſervations.
21	1	9	7	15	21	3	26	25	
22	2	10	8	28	42	3	27	25	
23	3	11	8	12	♉ 23	3	28	25	Nothing but Nothing had the Lorc
24	G	12	8	26	21	3	29	D	Almighty,
25	5	13	8	10	♊ 30	3	♑	25	Whereof, wherewith, whereby tc
26	6	14	9	24	52	3	1	26	build this City;
27	7	15	9	9	♋ 12	3	2	26	Yet when he Heav'ns, Air, Earth,
28	8	16	9	23	32	3	3	27	and Sea did frame,
29	9	17	10	7	♌ 47	R	4	28	He ſought not far, he ſweat not fo
30	10	18	10	21	56	3	5	29	the ſame:
31	G	19	11	5	♍ 55	3	6	♏	As Sol, without deſcending from th
Nov. 1	12	20	11	19	45	3	7	1	Sky,
2	13	21	12	3	♎ 26	3	8	3	Crowns the fair Spring in painte
3	14	22	12	16	54	3	9	4	Bravery;
4	15	23	13	0	♏ 10	3	9	5	Without travail he cauſeth th'Eartl
5	16	24	13	13	12	3	10	6	to bear,
6	17	25	14	26	0	2	11	8	And far off makes the World youn
7	G	26	15	8	♐ 35	2	12	9	every Year:
8	19	27	15	20	56	2	13	11	The Power and th'Affection an
9	20	28	17	3	♑ 7	2	14	12	Effect,
10	21	29	17	15	8	1	14	14	The Work and Project of this Ar
11	22	0	♐ 18	27	4	1	15	15	chitect;
12	23	1	18	8	♒ 56	1	16	17	March all at once all to his Pleaſur
13	24	2	19	20	50	0	17	18	ranges,
14	G	3	20	2	♓ 56	0	17	20	Who always on his Purpoſe neve
15	25	4	21	14	49	♊	18	21	changes;
16	27	5	21	27	22	29	19	23	Yet did this Nothing not at onc
17	28	6	22	10	♈ 4	29	20	25	receive
18	29	7	23	23	10	29	20	26	Matter and Form, for, as we ma
19	30	8	24	6	♉ 39	28	21	28	perceive,
									That he who means to build
									warlike Fleet,
									Makes firſt proviſion of all Matt
									meet.

DECEMBER hath XXXI Days.

D	♄ ♌	♃ ♐
1	16	30
6	16	♑
11	16	2
16	16	4
21	15	5
26	15	6

Full Moon the 2d Day at 10 Night.
Last Quarter the 9th Day at 2 Afternoon.
New Moon the 17th Day at 4 Morning.
First Quarter the 25th Day at 8 Morning.

D	D	Saints Days & Weather.	Moon's Signs.	Moon South.		D A	Moon r. & sets		Aspects & Sun rises and sets.
1	f		*thr at*	11	12	14	6	42	
2	G	Advent Sun.	*arms*	Morn.		☌	☽ rises		*Sun rises 3′ p. 8*
3	a		*should.*	0	10	1	4	40	*Sun sets 56′ p. 3*
4	b	*Wind and*	*breast*	1	10	2	5	25	
5	c	*rain, snow,*	*stom.*	2	13	3	6	36	
6	d		*heart*	3	12	4	7	49	
7	e		*back*	4	8	5	9	4	△ ☉ ♄
8	f	Co. B.V.M.	*bowels*	5	2	6	10	22	
9	G	2 S. in Adv.	*belly*	5	52	7	11	42	
10	a	*with frost*	*reins*	6	41	8	Morn.		*Sun rises 10′ p. 8*
11	b	*following.*	*and*	7	29	9	1	6	*Sun sets 50′ p. 3*
12	c	Lucy Virg.	*loins*	8	16	10	2	32	
13	d	*Sharp winds,*	*secrets*	9	3	11	3	58	△ ♄ ♅
14	e	*with flight of*	*memb.*	9	51	12	5	26	
15	f	*snow, or cold*	*hips*	10	40	13	6	43	☌ ☉ ♂
16	G	3 S. in Adv.	*and*	11	29	14	☽ sets		☌ ♂ ♅
17	a	*rain.*	*thighs*	0 A	20	☌	4	7	
18	b	Ember week	*knees*	1	8	1	5	1	*Sun rises 12′ p. 8*
19	c	*Driving*	*hams*	1	54	2	5	58	*Sun sets 48′ p. 3*
20	d	St. Thomas.	*legs*	2	40	3	7	0	
21	e	*storms.*	*and*	3	23	4	8	4	
22	f	*Very cold*	*ancles*	4	6	5	9	10	*Sun rises 13′ p. 8*
23	G	4 S. in Adv.	*feet*	4	48	6	10	18	*Sun sets 47′ p. 3*
24	a	*frosty-like*	*toes*	5	32	7	11	28	
25	b	Christm. D	*head*	6	16	8	Morn.		□ ♃ ♅
26	c	St. Stephen.	*face*	7	2	9	0	40	
27	d	St. John	*neck*	7	51	10	1	56	□ ☉ ♃
28	e	Holy Inno.	*and*	8	44	11	3	15	
29	f		*throat*	9	40	12	4	35	*Sun rises 11′ p. 8*
30	G	1 S af. Chris.	*arms*	10.	40	13	5	56	*Sun sets 48′ p. 3*
31	a	*tair.*	*should.*	11	42	14	7	16	

Old Stile. New Stile.

The Time that's gone is loſt, and Proof will ſhew,
That many find both Words and Emblems true.
How faſt their Time departs they beſt perceive,
From whom it ſteals before they take their Leave;
Of what they love, and whoſe laſt Hour is gone,
Before their chiefeſt Buſineſs here is done.

D	D	☉ °	☉ ′	☽ °	☽ ′	♂	♀	☿	Monthly Obſervations.
20	1	9	25	20	34	28 ♓	21	29	
21	G	10	26	4 ♓	52	28	22	♐	
22	3	11	27	19	27	27	22	2	As Timber, Iron, Canvas, Cord, and Pitch,
23	4	12	28	4 ♉	14	27	23	4	And when all's ready then appointeth which;
24	5	13	29	19	4	27	23	5	
25	6	14	30	3 ♌	49	26	24	7	Which Piece for Planks, which Plank ſhall line the Waiſt,
26	7	15	31	18	23	26	24	9	
27	8	16	32	2 ♍	41	26	25	10	The Poop and Prow, which Fir ſhall make a Maſt;
28	G	17	33	16	41	25	25	12	
29	10	18	34	0 ♎	21	25	25	13	As Art and Uſe directeth heedfully,
30	11	19	35	13	44	25	26	15	
Dec.	12	20	36	26	51	25	26	16	His Hand, his Tool, his Judgement, and his Eye;
2	13	21	37	9 ♍	44	24	26	18	
3	14	22	38	22	24	24	27	19	So God, before this Frame, he fram'd he faſhioned,
4	15	23	39	4 ♐	53	24	27	21	
5	☽	24	40	17	12	23	27	23	I wote not what great Word he uttered;
6	17	25	42	29	23	23	27	24	
7	18	26	43	11 ♑	26	23	27	26	From's ſacred Mouth which ſummon'd, in a Maze,
8	19	27	44	23	24	22	27	27	
9	20	28	45	5 ♒	17	22	27	29	Whatſoever now the Heav'n's wide Arms embrace.
10	21	29	46	17	9	22	℞	♑	
11	22	0 ♑	47	29	3	21	27	2	
12	G	1	48	11 ♓	9	21	27	4	
13	24	2	50	23	7	21	27	5	
14	25	3	51	5 ♈	27	20	26	7	
15	26	4	52	18	4	20	26	9	
16	27	5	53	1 ♉	3	20	26	10	
17	28	6	54	14	29	19	26	12	
18	29	7	55	28	23	19	26	13	
19	G	8	57	12 ♊	46	19	25	15	
20	31	9	58	27	34	19	25	17	

A TABLE of the common Notes and Moveable Feasts for the Year 1770.

Common Notes for the Year 1770.

Golden Number	4	Easter Sunday	April 15
Epact	3	Rogation Sunday,	May 20
Dominical Letter	G	Ascension Day,	May 24
Shrove Sunday	Feb. 25	Whit-Sunday	June 3
Cycle of the Sun	15	Trinity Sunday	June 10

The Names and Characters of the Planets, with the *Dragon's Head* and *Tail.*

♄ Saturn
♃ Jupiter
♂ Mars

☉ *Sol*, the Sun

♀ Venus
☿ Mercury
☽ The Moon.

☊ Dragon's Head.
☋ Dragon's Tail.

The Characters of the ASPECTS.

☌ Conjunction
✶ Sextile

☍ Opposition

△ Trine
□ Square.

Upon the Twelve SIGNS.

♈ *Aries*, the Head and Face the horned Ram doth rule,
♉ *Taurus*, the Neck and Throat are govern'd by the Bull,
♊ *Gemini*, the Twins the Arms and Shoulders guide,
♋ *Cancer*, the Crab-fish on the crafty Breast doth ride,
♌ *Leo*, the Lyon strong claims both the Back and Heart,
♍ *Virgo*, the Virgin chaste defends the Belly-part,
♎ *Libra*, the equal Balance weigh the Reins and Loins,
♏ *Scorpio*, the Scorpion the Secrets always claims,
♐ *Sagittarius*, the Archer boldly owns the Thighs his Due,
♑ *Capricorn*, the Goat will have the Knees to view,
♒ *Aquarius*, the Legs and Ancles governs true,
♓ *Pisces*, the Feet, with which I bid adieu.

PEARSE, 1770.

THE

SECOND PART

OF THE

COELESTIAL DIARY.

CONTAINING

A CHRONOLOGY of many Remarkable Accidents and Occurrences, that have happened since the Birth of our Lord JESUS CHRIST.

With Aſtrological Obſervations upon the Eclipſes, Solar Ingreſſes, various Poſitions, Aſpects, and Configurations of the Heavenly Bodies; with many other conſiderable Matters.

By *SALEM PEARSE*,
Student in Phyſick and the Cœleſtial Sciences.

WISDOM vii. 17, 18, 19, 20.

For he hath given me certain Knowledge of Things that are, namely, to know how the World was made, and the Operations of the Elements; the Beginning, Ending, and Midſt of the Times; the Alterations of the Turnings of the Sun, and Change of Seaſons; the Circuits of Years, and Poſitions of Stars; the Names of living Creatures, and the Furies of wild Beaſts; the Violence of Winds, and the Reaſoning of Men; the Diverſities of Plants, and the Virtues of Roots.

LONDON:
Printed by R. and M. BROWN, for the Company of STATIONERS.

A TABLE *ſhewing the Time of the Seven Stars coming to the South every fifth Day throughout the Year* 1770.

Months.	*Days.* 1.	*Days.* 6	*Days.* 11	*Days.* 16	*Days.* 21	*Days.* 26	*Days.* 31
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
January	8A 42	8A 20	7A 58	7A 32	7A 16	6A 55	6A 34
February	6 30	6 10	5 50	5 30	5 11	4 52	
March	4 41	4 22	4 4	3 45	3 27	3 9	2 51
April	2 47	2 29	2 11	1 52	1 34	1 15	
May	0 56	0 37	0 17	11M57	11M37	11M17	10M58
June	10M53	10M32	10M12	9 52	9 31	9 10	
July	8 49	8 28	8 8	7 47	7 27	7 7	6 48
Auguſt	6 43	6 24	6 5	5 46	5 28	5 9	4 51
September	4 47	4 29	4 11	3 53	3 35	3 17	
October	2 59	2 41	2 22	2 4	1 45	1 26	1 6
November	1 3	0 43	0 23	0A 2	11A 41	11A 20	A
December	10A 59	10A 37	10A 16	9 54	9 31	9 9	8 47

The Uſe of the TABLE.

FIND your Month (wherein you deſire to know at what Time the *Pleiades* come to South) on the left Side of the Table, and the Day of the Month on the Head; and in the Angle, or Place of Meeting, you have the true Time ſet over againſt every Month, for every Day.

As for Example.

On the 11th Day of *January*, the Seven Stars come to South at 58 *min.* paſt 7 at Night, and *July* 21, at 27 *min.* paſt 7 in the Morning.

Note, M ſtands for Morning; A for Afternoon; and where there is no Letter, it is the ſame with the laſt preceding, *&c.*

Note alſo, Theſe following fixed Stars, *viz.*

		H. M.	
The Bull's Eye	comes to S.	0 49	after the Seven Stars.
The great Dog		3 3	
The Lion's Heart		6 23	
Spica ♍		9 4	
Cor ♏	comes to S.	11 12	before the Seven Stars.
The Harp		9 1	

A Table

A Table ſhewing what two Days in the Year are of the ſame Length.

Trop. ♋		May	July	Ap.	Aug.	Mar.	Sep.	Feb.	Oct.	Jan.	Nov
June	21	22	22	20	23	20	23	16	25	13	28
20	22	21	23	19	24	19	24	15	26	12	29
19	23	20	24	18	25	18	25	14	27	11	30
18	24	19	25	17	26	17	26	13	28	10	
17	25	18	26	16	27	16	27	12	29	Jan.	Dec.
16	26	17	27	15	28	15	28	11	30	9	1
15	27	16	28	14	29	14	29	10	31	8	2
14	28	15	29	13	30	13	30	9	N.	7	3
13	29	14	30	12	31	Mar.	Oct.	8	1	6	4
12	30	13	31	Apr.	Sept.	12	1	7	2	5	5
June	July	May	Aug.	11	1	11	2	6	3	4	6
11	1	12	1	10	2	10	3	5	4	3	7
10	2	11	2	9	3	9	4	4	5	2	8
9	3	10	3	8	4	8	5	3	6	1	9
8	4	9	4	7	5	7	6	2	7	Dec.	Dec.
7	5	8	5	6	6	6	7	1	8	31	10
6	6	7	6	5	7	5	8	Jan.	N.	30	11
5	7	6	7	4	8	4	9	31	10	29	12
4	8	5	8	3	9	3	10	30	11	28	13
3	9	4	9	2	10	2	11	29	12	27	14
2	10	3	10	1	11	1	12	28	13	26	15
1	11	2	11	Mar.	Sep.	Feb.	Oct.	27	14	25	16
	12	1	12	31	12	28	13	26	15	24	17
May	July	Apr.	Aug.	30	13	27	14	25	16	23	18
31	12	30	13	29	14	26	15	24	17	22	19
30	13	29	14	28	15	25	16	23	18	21	20
29	14	28	15	27	16	24	17	22	19	21	
28	15	27	16	26	17	23	18	21	20	Tropic	
27	16	26	17	25	18	22	19	20	21	♑	
26	17	25	18	24	19	21	20	19	22		
25	18	24	19	23	20	20	21	18	23		
24	19	23	20	22	21	19	22	17	24		
23	20	22	21	21	22	18	23	16	25		
22	21	21	22			17	24	15	26		
								14	27		

A Chronological Account of many remarkable Accidents and Occurrences that have happened in most Ages, since the Birth of our Lord JESUS CHRIST *to this present Year* 1770.

Years of Christ.		*Years since.*
1	THIS Year began about the 42d Year of *Augustus Cæsar*, JESUS CHRIST taking our Nature upon him (by the Will of GOD) was born of the Virgin *Mary*. This was in the Age of the World 3947.	1770
30	CHRIST baptized.	1740
33	The Passion and Resurrection of our Saviour.	1737
34	*Stephen*'s Martyrdom, and St. *Paul*'s Conversion.	1736
35	*Rome*, by the Command of *Nero*, was set on Fire.	1735
63	The Beginning of the Persecutions of the *Christians*, in the tenth Year of *Nero*'s Reign. *Note*, In the Space of 241 *Years*, the *Christians* were persecuted ten Times; after which sprung up one *Constantine*, who made an Edict for *Christian* Liberty, he being the first *Christian* Emperor.	1707
361	*Athanasius* writes against *Arius*.	1409
430	St. *Austin* died.	1340
569	The Tower of *London* built.	1201
635	*Cambridge* made an University.	1135
819	*Egbert* made *England* the first Monarchy.	951
871	*Oxford* made an University.	899
1066	*William* Duke of *Normandy* conquered *England*.	704
1120	Thunder and Lightning from *Nov.* 12. to *Nov.* 27.	650
1190	*Henry Fitz-Alwin*, first Lord-Mayor of *London*, in the 2d Year of *Richard* I.	580
1209	*London-Bridge* built with Stone.	561
1269	The *Thames* frozen from St. *Andrew*'s till *Candlemas*.	501
1289	An exceeding hot Summer, many died thro' Extremity of Heat.	481
1315	Abundance of Rain in Harvest, so that Horses, Dogs, *&c.* were eaten.	455
1378	The Invention of Guns.	392
1397	*Tamerlane*, the *Scythian*, slew 20,000 *Turks*, and took *Bajazet* the Emperor, and bound him in

Years of Chriſt.		*Years ſince.*
	Fetters of Gold, and carried him about in an Iron Cage.	373
1407	A Peſtilence in *London*, whereof died 30,000.	363
1410	*Richard Whittington*, four times Lord-Mayor of *London*, was buried in St. *Michael's Royal* in *Thames-ſtreet*.	360
1440	The Art of Printing firſt invented by *John Fauſtus*, of *Mentz*, in *Germany*.	330
1527	Rain (almoſt continually) from the 3d of *June*; after which followed a Scarcity, that many died for want of Bread.	243
1563	A terrible Thunder and Lightning, which continued from the 1ſt of *Dec.* to the 12th.	207
1567	The *Royal Exchange* finiſhed.	203
1585	Tobacco firſt uſed in *England*.	185
1589	The ingenious *William Lee*, M. A. of St. *John's College, Cambridge*, deviſed the Stocking Frame; but, being deſpiſed, went to *France*.	181
1597	Great Waters, and Scarcity of Corn; Wheat at 14*s.* a Buſhel.	173
1602	A Plague in *London*, whereof died 30,578 Perſons.	168
1605	The Powder Treaſon	165
1607	The Bible new tranſlated and finiſhed.	163
1614	The *New River* brought to *London*.	150
1625	A Plague in *London*, whereof died 35,417; of all Diſeaſes 54,265.	145
1625	*William-Middleton Child*, of *Hale*, in *Lancaſhire*, died, aged 50 Years; he was as large as *Goliah* of *Gath*.	145
1630	*New England* planted.	140
1648	King *Charles* I. traiterouſly beheaded.	122
1660	King *Charles* II. reſtored, *May* 29.	110
1665	Three blazing Stars appeared: And the ſame Year a Plague in *London*, whereof died 68,586; but of all Diſeaſes near 100,000.	105
1666	13,200 Houſes burnt in *London*.	104
1676	600 Houſes burnt in *Southwark*.	94
1678	*Green, Bury*, and *Hill* executed for murdering Sir *Edmundbury Godfrey*.	92
1680	A great Comet appeared in *Dec.* and *Jan.*	90

Years of Chriſt.		*Years ſince.*
1684	A great 13 Weeks Froſt, with a Fair kept upon the frozen *Thames*	86
1685	Duke of *Monmouth* beheaded, *July* 15.	85
1688	The ſeven Biſhops ſent to the *Tower*, and the pretended Prince of *Wales* born.	82
1689	K. *William* and Q. *Mary* crowned, *April* 11.	81
1695	The *French* Plot, and intended Invaſion.	75
1696	The Money new coined.	74
1698	Peace with *France*; and the Czar of *Muſcovy* at *London*.	72
1701	King *James* II. (who abdicated his Kingdom, *Dec.* 18, 1688) died at St. *Germains* in *France*, *Sept.* 5.	69
1702	War declared againſt *France* and *Spain*.	68
1703	*Nov.* 27. a terrible Wind.	67
1707	*May* 1. *England* and *Scotland* united.	63
1708	The pretended Pr. of *Wales* attempted to invade *Great Britain*.	62
1708	St. *Paul's* in *London* finiſhed.	62
1713	*May* 5. A Peace with *France* proclaimed.	57
1714	Q. *Anne* died *Aug.* 1. and K. *George* I. began.	56
1715	The Rebellion at *Preſton*.	55
1718	*March* 6. the Beginning of the Lights in the *North*.	52
1719	*March* 19. the great fiery Meteor.	51
1723	The Deprivation of the Biſhop of *Rocheſter*.	47
1726	*Oct.* 8. The Heavens ſeemed to burn like flaming Fire, at Eight at Night.	44
1727	King *George* I. died *June* 11. and King *George* II. proclaimed the 15th.	43
1730	*Fulham* and *Putney-Bridge* built of Timber.	40
1733	*Feb.* 21. Broad Pieces of Gold called in, and coined into Guineas.	37
1737	*Stocks-Market* removed to *Fleet-Ditch* in *September*, Sir *John Thompſon* Lord-Mayor.	33
1738	*Weſtminſter* Bridge begun.	32
1739	*June* 3. Mr. *Whitefield* preached to a giddy People in *Moorfields*, *London*; Text, St. *Luke* xviii. 14.	31
1739	War declared againſt *Spain*, *Oct.* 23.	31
1740	Died the *Pope*, the King of *Pruſſia*, the Emperor of *Germany*, and the Empreſs of *Ruſſia*.	30

Years of Chriſt.		*Years ſince.*
1742	A Comet appeared from *Feb.* 18, to *March* 21.	28
1743	A very ſplendid Comet was ſeen *Decem.* 23, in the Signs *Aries* and *Piſces*; it continued viſible to *Feb.* 20.	27
1744	*March* 4, *France* declared War againſt *England*, and *March* 31, *Great-Britain* proclaimed War againſt *France*.	26
1745	Commodore *Warren* and Capt. *Pepperel* took the Iſland of *Cape-Breton* from the *French*.	25
1745	In *Auguſt* the Pretender's Son, by *French* Aſſiſtance, landed in *Scotland*, raiſed a Rebellion, ravaged great Part of that Country, and made an Excurſion into *England*.	25
1745	Marſhal *Belleiſle* and his Brother brought Priſoners to *Windſor* Caſtle.	25
1746	The heroic and magnanimous Duke of *Cumberland* defeated the Rebel Army, *April* 16, and quelled the Rebellion.	24
1748	A general Peace, ſigned *Oct.* 7.	22
1749	*Cape-Breton* given up to the *French*.	21
1750	The *Britiſh* Fiſhery erected.	20
1751	Prince of *Wales* died.	19
1752	The Date and Calendar altered.	18
1755	*Liſbon* deſtroyed by an Earthquake.	15
1756	*Angria*'s Family and Treaſure ſeized.	14
1756	War declared againſt *France*, *May* 18.	14
1757	Militia Act paſſed.	13
1757	Count *Daun* defeated at *Liſſa* by the King of *Pruſſia*.	13
1758	*Senegal*, in *Africa*, taken by the *Engliſh*; Capt. *A. Millar* was the firſt that paſſed the Bar.	12
1758	*Crevelt* Victory obtained by Prince *Ferdinand*.	12
1758	*Cape-Breton* taken by *Boſcawen*, *Amherſt*, and *Wolfe*.	12
1758	*Cherburg* Fort deſtroyed by the *Engliſh*.	12
1758	*Goree* Iſland taken by the *Engliſh*.	12
1759	*Guardaloupe* Iſle taken by the *Engliſh*.	11
1759	*Madraſs* beſieged by the *French*, who were beat off by the *Engliſh*.	11
1759	Admiral *Boſcawen* beat the *French* Fleet off Cape *Lagos*.	11

Years of Chriſt.		*Years ſince*
1759	Prince *Ferdinand*'s total Defeat of the *French* near *Minden.*	11
1759	*Kew* Bridge built.	11
1759	*Ticonderoga* and *Niagara* taken by the *Engliſh.*	11
1759	*Crown Point* taken by the *Engliſh.*	11
1759	*Quebec* taken by the *Engliſh* under General *Wolfe*, who was killed in the glorious Conqueſt.	11
1759	Admiral *Hawke* beat the *French* Fleet off *Belle-Iſle*, and defeated their Deſign of Invaſion.	11
1760	*Black-Friars* Bridge begun.	10
1760	King *George* II. died *October* 25, and King *George* III. began his Reign.	10
1761	King *George* III. and Queen *Charlotte* crowned *September* 22.	9
1762	A great Snow, for eighteen Days together, in *February* and *March.*	8
	Prince of *Wales* born *Auguſt* 12.	8
1763	A General Peace with *France* and *Spain.*	7
1763	Prince *Frederick* born *Auguſt* 16	7
1765	Prince *William-Henry* born *Auguſt* 21	5
1766	Princeſs Royal born, *Sept.* 29.	4
1767	Prince *Edward* born *Nov.* 2.	3
1768	Princeſs *Sophia Auguſta* born *Nov.* 2.	2

Of the four Quarters of this Year 1770.

THE Spring Quarter begins the 20th Day of March, at 2 Minutes before Noon, 1770.

THE Summer Quarter begins the 21ſt Day of June, at Noon.

THE Autumnal Quarter begins the 23d of September, at 12 o'Clock in the Morning.

THE Winter Quarter begins the 21ſt of December, at 45 Minutes paſt 11 in the Morning.

From

From the LONDON GAZETTE.

St. James's, *Tuesday* September 22, 1761.

THIS Day his Majesty King George the Third and Queen Charlotte were crowned in the Abbey Church of Westminster with the Ceremonies accustomed upon that great and glorious Solemnity.

His Majesty came privately to the Prince's Chamber, and the Queen to Black Rod's Room, near the House of Peers, about Nine o'Clock.

The Peers assembled in their own House, the Peeresses and the Dukes of Normandy and Aquitaine in the Painted Chamber; the rest in the Court of Requests.

About Eleven o'Clock the Procession was drawn out into Westminster-Hall, which was soon after followed by their Majesties, who seated themselves in the Chairs of State under their Canopies.

Then the Swords and Spurs were presented, and laid upon the Table, and the Regalia brought up in Procession by the Dean and Prebendaries of Westminster; which, being severally presented and laid upon the Table, were afterwards delivered by the Lord Great Chamberlain to the Lords appointed to carry them, being summoned by Garter; as also the Bishops appointed to support their Majesties, and who were to carry the Bible, the Chalice, and Paten.

The

The PROCESSION *then went on in the following Order.*

THE King's Herb-woman, with her six Maids, strewing the Way with Herbs.
The Dean's Beadle of Westminster, with his Staff.
The High Constable of Westminster, with his Staff, in a Scarlet Cloak.
A Fife.
Four Drums.
The Drum-Major.
Eight Trumpets.
A Kettle Drum.
Eight Trumpets.
The Serjeant Trumpeter.
The Six Clerks in Chancery.
The Closet-Keeper of the Chapel Royal.
The King's Chaplains, having Dignities.
Sheriffs of London.
Aldermen of London.
Masters in Chancery.
The King's Serjeants at Law.
The Sollicitor-General. The Attorney-General.
The King's ancient Serjeant.
Gentlemen of the Privy Chamber.
Barons of the Exchequer and Justices of both Bencher, Two and Two.
Chief Baron of the Exchequer. Chief Justice of the Common Pleas.
Master of the Rolls. Chief Justice of the King's Bench.
Children of the Choir of Westminster, in Surplices.
Serjeant of the Vestry. Serjeant Porter, in Scarlet Gowns.
Children of the Chapel Royal, in Surplices, with Scarlet Mantles over them.
Choir of Westminster, in Surplices.
Organ-Blower. Groom of the Vestry.
A Sackbut. A double Courtal. A Sackbut.
Gentlemen of the Chapel Royal, in Scarlet Mantles.
The Sub-Dean of the Chapel Royal, in a Scarlet Gown.
Prebendaries of Westminster, in Surplices and rich Copes.
The Dean of Westminster, in a Surplice and rich Cope.
The Master of the Jewel-House, with one of his Officers going by him, both in Scarlet.
Bath, King of Arms, in his Habit of the Order, and Crown in his Hand.
Knights of the Bath, not Peers, in the full Habit of the Order, Two and Two, carrying their Caps and Feathers in their Hands.
Pursuivants at Arms.
Privy-Counsellors, not Peers.
His Majesty's Vice-Chamberlain.
Comptroller of the Household. Treasurer of the Household.
Pursuivants at Arms.
Baronesses, in their Robes of Estate; their Coronets in their Hands.
Barons, in their Robes of Estate; their Coronets in their Hands.
Heralds.
Bishops in their Rochets; their Caps in their Hands.

He-

Heralds.

Viſcounteſſes, in their Robes of Eſtate; their Coronets in their Hands.

Viſcounts, in their Robes of Eſtate; their Coronets in their Hands.

Heralds.

Counteſſes, in their Robes of Eſtate; their Coronets in their Hands.

Earls, in their Robes of Eſtate; their Coronets in their Hands.

The Lord Steward of the Houſhold, being an Earl.

Heralds.

Marchioneſſes, in their Robes of Eſtate; their Coronets in their Hands.

Marquiſſes, in their Robes of Eſtate; their Coronets in their Hands.

Heralds.

Ducheſſes, in their Robes of Eſtate; their Coronets in their Hands.

Dukes, in their Robes of Eſtate; their Coronets in their Hands.

The Lord Chamberlain of the Houſhold, Duke of Devonſhire.

Provincial Kings of Arms.

Lord Privy Seal, in his Robes of Eſtate; his Coronet in his Hand, Earl Temple.

Lord Preſident, in his Robes of Eſtate; his Coronet in his Hand, Earl of Granville.

Lord Archbiſhop of York, in his Rochet; his Cap in his Hand.

Lord Chancellor, in his Robes of Eſtate, and Coronet in his Hand, bearing the Purſe, Lord Henley.

Lord Archbiſhop of Canterbury, in his Rochet; with his Cap in his Hand, Dr. Thomas Secker.

Two Gentlemen of the Privy Chamber, in proper Mantles, their Hats in their Hands, repreſenting the Dukes of

Aquitaine, Sir William Breton.

Normandy, Sir Tho. Robinſon, Bart.

The Queen's Vice-Chamberlain, Lord Viſcount Cantalupe.

Two Gentlemen Uſhers.

The Ivory Rod, with the Dove, borne by the Earl of Northampton, in his Robes of Eſtate.

The Queen's L. Chamberlain, D. of Mancheſt. in his Robes, with his Coronet and Staff in his hand.

The Scepter with the Croſs, borne by the D. of Rutland, in his robes of Eſtate.

The Queen's Crown, borne by the Duke of Bolton, in his Robes of Eſtate.

Two Serjeants at Arms.

Biſhop of Norwich

The QUEEN, In her Royal Robes, (on her Head a Circlet of Gold adorned with Jewels) going under a Canopy of Cloth of Gold, borne by Sixteen Barons of the Cinque Ports; her Train ſupported by her Royal Highneſs Princeſs Auguſta, in her Robes of Eſtate, aſſiſted by ſix Earls Daughters.

Biſhop of Lincoln.

Two Serjeants at Arms.

Gentlemen Penſioners.

Lady Mary Grey,
Lady Eliz. Montague,
Lady Jane Stewart,

Lady Selina Haſtings,
Lady Heneage Finch,
Lady Mary Douglas.

Gentlemen Penſioners.

Prin-

Princeſs's Coronet, borne by the Marquis of Caernarvon.
Ducheſs of Ancaſter, Miſtreſs of the Robes.
Two Women of her Majeſty's Bed-chamber.

The K I N G's Regalia.

St. Edward's Staff, borne by the D. of Kingſton, in his Robes.
The Golden Spurs borne by the E. of Suſſex, in his Robes.
The Scepter with the Croſs, borne by the Duke of Marlborough, in his Robes.
The Third Sword, borne by the E. of Sutherland, in his Robes.
Curtana, borne by the Earl of Lincoln, in his Robes.
The Second Sword, borne by the Earl of Suffolk, in his Robes.

Uſher of the Green Rod. Uſher of the White Rod.

Lord Mayor of London, in his Gown, Collar, and Jewel, bearing the City Mace, Sir Mat. Blackiſton.
Lyon King of Arms of Scotland, carrying his Crown in his hand, John Campbell, Hooke, Eſq.
Garter Principal King of Arms, his Crown in his Hand, Stephen Martin Leake, Eſq.
Gentleman Uſher of the Black Rod, with his Rod, Sir Sept. Robinſon.

The Lord Great Chamberlain of England, in his Robes of Eſtate, and Coronet and White Staff in his Hands.
His Royal Highneſs the Duke of Cumberland, in his Robes of Eſtate, and Coronet in his Hand; his Train borne by the Hon. John Fitz-Williams.
His Royal Highneſs the Duke of York, in his Robes of Eſtate, and Coronet in his Hand; his Train borne by Colonel Brudenell.

Earl Marſhal, in his Robes, with his Coronet and Earl Marſhal's Staff, E. of Effingham.
The Sword of State, borne by the Earl of Huntingdon, in his Robes.
Lord High Conſtable of Eng. in his Robes, with his Coronet and Staff, D. of Bedford.
High Conſtable of Scotland, in his Robes, with Cor. & Staff, E. of Errol.

A Gentleman carrying the Staff of the Ld. High Steward.
Serjeants at Arms.
The Scepter with the Dove, borne by the D. of Richmond in his robes.
The Paten by the Biſhop of Rochester.
St. Edward's Crown, borne by the Lord H. Steward, in his Robes, Earl Talbot.
The Bible carried by the Biſh. of Carliſle.
The Orb, by the D. of Somerſet, in his Robes.
The Chalice, by the Biſhop of Cheſter.
Serjeants at Arms.
A Gentleman carrying the Coronet of the Ld. High Steward.

Gentlemen Penſioners.
Biſhop of Herford.
The K I N G, In his Royal Robes, (on his Head a Cap of Eſtate, adorned with Jewels) going under a Canopy of Cloth of Gold, borne by Sixteen Barons of the Cinque Ports; his Train ſupported by ſix Lords, eldeſt Sons of Peers,
Biſhop of Durham.
Gentlemen Penſioners.

Viſcount

Viſcount Mandeville, Marquis of Hartington,
Lord Howard, Lord Grey,
Lord Beauchamp, Lord Newnham.

And, at the End of it, the Maſter of the Robes, Hon. James Brudenell.

Standard-Bearer of the Band of Gentlemen Penſioners.	Captain of the Yeomen of the Guard, in his Robes.	Captain of the Horſe in Waiting, in his Robes.	Captain of the Band of Gentlemen Penſioners in his Robes.	Lieutenant of the Band of Gentlemen Penſioners.

A Gentleman of the King's Bed-Chamber.
Two Grooms of the Bed-Chamber.

Enſign of the Yeomen of the Guard. Lieutenant of the Yeomen of the Guard.

Exempts. The Yeomen of the Guard. Exempts.

The Clerk of the Cheque to the Yeomen of the Guard.

N. B. All the Peers, in the Proceſſion, were in their Robes of Eſtate; and the Knights of the Garter, Thiſtle, or Bath, wore the Collars of their reſpective Orders.

About half an Hour after One, their Majeſties entered the Abbey, and went to their Seats on the Eaſt Side of the Throne. The Archbiſhop made the Recognition; and then their Majeſties made the firſt Oblation, and took their Seats on the South Side of the Altar; the Litany began; during which, the Regalia were ſeverally preſented at the Altar; and the Great Officers retired to their Seats. The Litany being ended, and Part of the Communion Service read by the Archbiſhop; Dr. Drummond, Biſhop of Saliſbury, preached the Sermon; which being ended, his Majeſty made the uſual Declaration, and took and ſubſcribed the Coronation-Oath.

After Veni Creator, his Majeſty removed to St. Edward's Chair, and the Unction was performed by the Archbiſhop, four Knights of the Garter holding a Pall over his Majeſty during the Anointing; viz. the Duke of Devonſhire, the Earl of Northumberland, the Earl of Hertford, and Earl Waldegrave. The Spurs were then preſented, and

and his Majesty girt with the Sword, which was offered and redeemed. His Majesty was then invested with the Armil, the purple Robe, or imperial Pall and Orb, and afterwards, receiving the Ring, returned the Orb to the Altar.

The Marquis of Rockingham, Deputy to the Duke of Norfolk, as Lord of the Manor of Worksop, presented a Right Hand Glove to his Majesty, who, putting it on, received from the Archbishop the Scepter with the Cross, and, afterwards, the Scepter with the Dove into his Left Hand: And the Marquis did afterwards support his Majesty's Right Hand, as Occasion required.

The Archbishop then set the Crown upon his Majesty's Head, about half an Hour after Three o'Clock, amidst the Acclamations of an infinite Number of Spectators. Upon which, the Peers put on their Coronets, the Dukes of Normandy and Aquitaine their Hats; the Bishops, Knights of the Bath, and Judges, their Caps; and the Kings of Arms their Crowns.

Then the Archbishop presented the Bible, and pronounced the Benediction, and his Majesty kissed the Bishops kneeling before him. Whilst Te Deum was singing, his Majesty was inthroned; whereupon the Bishops performed their Homage; and then the Temporal Lords; first, his Royal Highness the Duke of York, and his Royal Highness the Duke of Cumberland, each for himself; then the Duke of Devonshire, Lord Chamberlain, pronounced the Words of the Homage for all the Dukes; the Marquis of Rockingham for the Marquisses; Earl Talbot, Lord High Steward, for the Earls; Viscount Say and Sele for the Viscounts; and Lord Henley, Lord High Chancellor, for

for the Barons: Every Peer, likewiſe, taking off his Coronet, touched the King's Crown, and kiſſed his left Cheek.

During the Homage, his Majeſty delivered the Scepter, with the Croſs, to the Marquis of Rockingham (officiating as Lord of the Manor of Workſop) to hold.

In the mean Time, Medals of his Majeſty and the Queen, were thrown by the Treaſurer of the Houſhold.

The Coronation of his Majeſty being finiſhed, the Queen removed from her Seat on the South Side the Area, to a Chair placed before the Altar, and was anointed, four Ladies holding a Pall over her Majeſty, and afterwards inveſted, with the King, and crowned by the Archbiſhop; upon which, the Peereſſes put on their Coronets. The Archbiſhop then delivered the Scepter into her right Hand, and the Ivory Rod into her left Hand. Their Majeſties then made their ſecond Oblation, and received the Communion; and, the final Prayers being read, they retired into St. Andrew's Chapel, where they were inveſted with their royal Robes and Crowns of State.

A Proceſſion then was made back to Weſtminſter-Hall in the ſame Order as before, except the Regalia, Prebends, and Choirs, which did not return; and the Marquis of Rockingham, who attended his Majeſty to ſupport his right Arm.

Their Majeſties retired into the Court of Wards till Dinner was ready; and then, ſitting in their Chairs of State, the firſt Courſe was brought up with the uſual Ceremony; his Royal Highneſs the Duke of York, and his Royal Highneſs the Duke of Cumberland, ſitting at the End of the Table, on his Majeſty's right Hand; and her Royal Highneſs the Princeſs Auguſta, at the other End of the Table, on the

the Queen's left Hand. Before the second Course, the Champion was brought up between the High Constable and Earl Marshal, followed by four Pages, and preceded by the Herald, who pronounced the Challenge, the Champions, two Esquires with his Lance and Target, two Serjeants at Arms, and the Trumpets, the Knight Marshal going before to clear the Passage.

Immediately after the Return of the Champion, Garter King at Arms, attended by the rest of the Heralds, proclaimed his Majesty's Style in Latin, French, and English, three several Times; first upon the Top of the Steps near the Table; next in the Middle of the Hall; and, lastly, at the Bottom of the Hall.

The Eclipses that will happen this present Year 1770.

THERE will be only two Eclipses, and they both of the Sun. The first is an Eclipse of the Sun, on the 25th of May, about half an Hour before One in the Morning, and therefore invisible.

The second Eclipse is of the Sun, which happens on the 17th of November, about a Quarter after Ten in the Morning; but the Moon's South Latitude, augmented by her Parallax, will be invisible to us, and all this Part of the Globe.

FINIS.

Poor Robin. 1770.

AN

ALMANACK

After the Old; but nevertheleſs, as agreeable as can be to the *Neweſt* New Faſhion:

OR,

A new Edition of an old EPHEMERIS.

WHEREIN THOU,

O READER, (if thou canſt but READ)

ART SURE TO FIND

Abundance of exceeding uſeful and entertaining Matters and Things, worthy thy utmoſt Attention, and moſt careful Obſervation.

Containing a Double Calendar.

Viz. The good, new, true honeſt, upright, down right, punctual, *Engliſh* Account; together with the whimſey-headed, minute-ſplitting, fantaſtic Account of Saints, Sinners, &c. from one End of *this* Year to the other.

Written by honeſt POOR ROBIN, Knight of the BURNT-ISLAND; a Well-wiſher to the MATHEMATICS.

Being the One Hundred and Eighth EDITION, and the Second after BISSEXTILE or LEAP-YEAR.

"The Mind that knows etherial Words to trace,
"Sees by what Laws athwart the boundleſs Space
"Of Heaven's Domain, huge Comets wond'rous roll,
"Their Fires dilate; how various Suns controul
"Revolving Planets—Stars unmov'd convey
"To darkſome Orbs the bright enliv'ning Ray."——

LONDON:

Printed for the Company of STATIONERS, MDCCLXX.

[Price Nine-pence ſtitch'd.]

DEDICATION.

To *Poor Robin* only; that is, To *Poor Bob* HIMSELF!

Honeſt Sir Bonus,

THESE annual Productions, upon many Conſiderations, properly belong to *none* ſo much as to *your Honor*; ſince it is entirely at *your* own Deſire, and for *your* immediate Advantage, that they make th ir *annual* public Appearance in this cenſorious World; which ſingle Circumſtance cannot but convince *it*, that *you* really have Courage equal to that of an Hero: and as *you* are endowed with a penetrant and fertile Genius, and can find many Faults in *others* before any in *yourſelf*; *you* may be ſure, SIR, that the Affection, Value, and Honor which *I* have for *you*, are unfeigned, and far beyond Expreſſion. I cannot enough commend *your* Prudence! Becauſe, whenever *you* are dull and ſcarce of Matter, *you* take the Freedom of collecting what *you* pleaſe from the Labors of others. Alſo the Care *you* take with regard to the Behavior of *your* Neighbours, ought not to be paſſed over in Silence, nor indeed is it at all Times: It may, perhaps, be looked upon as a kind of Violence to *your* known Modeſty, to ſay this to *you* in *Public*; but, *you* may believe *me*, it is no more than *I* have a Thouſand Times thought of *you* in *Private*. Might *I* follow the Impulſe of *my* Soul, there is no Subject *I* could launch into with greater Pleaſure than *your* Panegyric. But, ſince ſomething is due to Modeſty, let *me* conclude, by telling *you*, that there is nothing ſo much my Deſire as to know *you* more thoroughly than *I* have yet the Happineſs of doing. *I* may then hope to be capable to do *you* ſome real Service; but till then can only aſſure *you*, SIR, that, *I* ſhall continue to be, as *I* am more than any Man living,

Deareſt SIR,

Your affectionate Friend, and

The greateſt of *your* Admirers,

POOR ROBIN.

A TABLE of all the Kings and Queens of England, since the CONQUEST in 1066.

Names of Kings.	Born	When Began to reign.	Reign. Y.	Reign. M.	Since their Reign ended.	Buried at
William 1	1027	1066, Octob. 14	20	11	1683, Septem. 9	Caen Nor.
William 2	1057	1087, Sept. 9	12	11	1670, Auguſt 2	Wincheſt
Henry 1	1068	1100, Aug. 2	35	4	1634, Decemb. 1	Reading
Stephen	1105	1135, Dec. 1	18	11	1615, Octob. 25	Feverſham
Saxon Line Reſtored.						
Henry 2	1133	1154, Octo. 25	35	9	1581, July 6	Fountevr
Richard 1	1156	1189, July 6	9	9	1571, April 6	Fountevr
John	1165	1199, April 6	17	6	1553, Octob. 19	Worceſter
Henry 3	1207	1216, Octo. 19	56	1	1497, Nov. 16	Weſtmin.
Edward 1	1239	1272, Nov. 16	34	8	1463, July 7	Weſtmin.
Edward 2	1284	1307, July 7	19	7	1443, Jan. 25	Glouceſte
Edward 3	1312	1327, Jan. 25	50	5	1393, June 21	Weſtmin.
Richard 2	1366	1377, June 21	22	3	1371, Sept. 25	Weſtmin.
Lancaſter Line.						
Henry 4	1367	1399, Sept. 29	13	6	1357, March 20	Canterb.
Henry 5	1389	1413, Mar. 20	9	5	1348, Auguſt 31	Weſtmin
Henry 6	1421	1422, Aug. 31	38	6	1309, March 4	Windſor
York Line.						
Edward 4	1442	1461, Mar. 4	22	1	1287, April 9	Windſor
Edward 5	1471	1483, April 9	0	1	1287, June 12	Unknown
Richard 3	1443	1483, June 18	2	2	1285, Auguſt 22	Leiceſter
Families United						
Henry 7	1455	1485, Aug. 22	23	6	1261, April 22	Weſtmin
Henry 8	1491	1509, April 22	37	10	1223, Jan. 28	Windſor
Edward 6	1537	1547, Jan. 28	6	5	1217, July 6	Weſtmin.
Qu. Mary	1516	1553, June 6	5	4	1212, Nov. 17	Weſtmin
Qu. Eliz.	1533	1558. Nov. 17	44	4	1167, March 24	Weſtmin
Kingdoms United.						
James 1	1565	1603, Mar. 24	22	0	145, March 27	Weſtmin
Charles 1	1600	1625, Mar. 27	23	10	121, Januar. 30	Windſor
Charles 2	1630	1649, Jan. 30	36	0	85, Februar. 6	Weſtmin.
James 2	1633	1685, Feb. 6	4	0	81, Febr. 13	S. Germain
Will. & Mary	1650 / 1662	1689, Feb. 13	13 / 5	1 / 10	68, March 8 / 76, Decem. 28	Weſtmin.
Qu. Anne	1665	1702, Mar. 8	12	5	56, Auguſt 1	Weſtmin.
George 1	1660	1714, Aug. 1	12	10	43, June 11	Hanover.
George 2	1683	1727, June 11	33	4	10, Oct. 25	Weſtmin.
George 3	1738	1760, Oct. 25	Whom GOD grant long to reign			

God bleſs our gracious Sov'reign, KING and QUEEN,
May they in Health, Wealth, Peace, and Plenty reign:
And, may their *Royal Iſſue* evermore abide
Great-Britain's Safeguards, and Old ENGLAND's Pride.

THE READER, (being not very fond of Arithmetical Intereſt) preſents his honeſt Readers with a compleat Table thereof; which ſhews the Intereſt of any Sum, from One Pound to a Million of Pounds: for any Number of Days, and at any Rate of Intereſt.

No.	l.	s.	d.	q.
1000000—	2739	14	6	0 ,99
900000—	2465	15	0	3 ,29
800000—	2191	15	7	1 ,59
700000—	1917	16	1	3 ,89
600000—	1643	16	8	2 ,19
500000—	1369	17	3	0 ,49
400000—	1095	17	9	2 ,79
300000—	821	18	4	1 ,09
200000—	547	18	10	3 ,40
100000—	273	19	5	1 ,70
90000—	246	11	6	0 ,32
80000—	219	3	6	0 ,96
70000—	191	15	7	1 ,59
60000—	164	7	8	0 ,22
50000—	136	19	8	2 ,85
40000—	109	11	9	1 ,48
30000—	84	3	10	0 ,11
20000—	54	15	10	2 ,74
10000—	27	7	11	1 ,37
9000—	24	13	1	3 ,23
8000—	21	18	4	1 ,10
7000—	19	3	6	2 ,96
6000—	16	8	9	0 ,82
5000—	13	13	11	2 ,58
4000—	10	19	2	0 ,55
3000—	8	4	4	2 ,41
2000—	5	9	7	0 ,27
1000—	2	14	9	2 ,14

No.	l.	s.	d.	q.
1000—	2	14	9	2 ,14
900—	2	9	3	2 ,12
800—	2	3	10	0 ,11
700—	1	18	4	1 ,10
600—	1	12	10	2 ,8c
500—	1	7	5	3 ,70
400—	1	1	11	0 ,50
300—	0	16	5	1 4c
200—	0	10	11	2 ,30
100—	0	5	5	3 ,15
90—	0	4	11	0 ,71
80—	0	4	4	2 ,41
70—	0	3	10	0 ,11
60—	0	3	3	1 ,81
50—	0	2	8	3 ,51
40—	0	2	2	1 ,21
30—	0	1	7	2 ,90
20—	0	1	1	0 ,60
10—	0	0	6	2 ,30
9—	0	0	5	3 ,67
8—	0	0	5	1 ,40
7—	0	0	4	2 ,41
6—	0	0	3	3 ,76
5—	0	0	3	1 ,15
4—	0	0	2	2 ,52
3—	0	0	1	3 ,80
2—	0	0	1	1 ,26
1—	0	0	0	2 ,63

RULE.

Multiply the Sum by the Number of Days; and that Product by the Rate per Cent. Then cut off the two laſt Figures to the Right Hand, and the reſt you muſt find in the Table.

Example. What is the Intereſt of 100 l. for 365 Days, at 5 per Cent.

No. of Days, 365. Then in the Table

multiply by 100 againſt 1000 is 2. 14. 9 2 ,14

Product 36500. 200 2 3 10 0 ,11

multiply by 5 Rate p. Cent. 20 0 1 1 0 ,60

1825100 5 0 0 3 1 ,15

Anſw. 5. 0. 0. ,00

Poor Robin being very desirous to oblige ALL his loving Countrymen, but more particularly his good Customers more and better in every Year, and verily believing that they are all of them dear Lovers of the *Ready Rhino*, is in Hopes the following TABLE, which is contrived and designed as a Sort of *Handmaid*, or *Assistant*, to the foregoing one, will answer that End; because, both these two TABLES together (which are now before you in *two* Pages, at *one* opening of the Book), may assist you in making the best *lawful* Use of your Money: As *that* gives you the Interest. so *this* gives you (by Inspection) the exact Number of Days from the first of *January* to any Day in the Year; and (with a little Labor) between any other two Days, as Occasion suits.

Day.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.
1	1	32	60	91	121	152	182	213	244	274	305	335
2	2	33	61	92	122	153	183	214	245	275	306	336
3	3	34	62	93	123	154	184	215	246	276	307	337
4	4	35	63	94	124	155	185	216	247	277	308	338
5	5	36	64	95	125	156	186	217	248	278	309	339
6	6	37	65	96	126	157	187	218	249	279	310	340
7	7	38	66	97	127	158	188	219	250	280	311	341
8	8	39	67	98	128	159	189	220	251	281	312	342
9	9	40	68	99	129	160	190	221	252	282	313	343
10	10	41	69	100	130	161	191	222	253	283	314	344
11	11	42	70	101	131	162	192	223	254	284	315	345
12	12	43	71	102	132	163	193	224	255	285	316	346
13	13	44	72	103	133	164	194	225	256	286	317	347
14	14	45	73	104	134	165	195	226	257	287	318	348
15	15	46	74	105	135	166	196	227	258	288	319	349
16	16	47	75	106	136	167	197	228	259	289	320	350
17	17	48	76	107	137	168	198	229	260	290	321	351
18	18	49	77	108	138	169	199	230	261	291	322	352
19	19	50	78	109	139	170	200	231	262	292	323	353
20	20	51	79	110	140	171	201	232	263	293	324	354
21	21	52	80	111	141	172	202	233	264	294	325	355
22	22	53	81	112	142	173	203	234	265	295	326	356
23	23	54	82	113	143	174	204	235	266	296	327	357
24	24	55	83	114	144	175	205	236	267	297	328	358
25	25	56	84	115	145	176	206	237	268	298	329	359
26	26	57	85	116	146	177	207	238	269	299	330	360
27	27	58	86	117	147	178	208	239	270	300	331	361
28	28	59	87	118	148	179	209	240	271	301	332	362
29	29		88	119	149	180	210	241	272	302	343	363
30	30		89	120	150	181	211	242	273	303	334	364
31	31		90		151		212	243		304	335	365

THE Paſſion and Reſurrection of Our Saviour	1737
The Beginning of the Ten Perſecutions, by *Nero*	1707
Athanaſius wrote againſt *Arius*	1409
The Tower of *London* built	1201
Cambridge made an Univerſity	1135
Oxford made an Univerſity	899
William Duke of *Normandy* conquered *England*	704
London Bridge built with Stone	561
The Invention of Guns	392
A Plague in *London*, whereof died 30,000	363
The Art of Printing firſt invented	330
The *Royal Exchange* was finiſhed	203
Tobacco firſt uſed in *England*	185
Mr. *William Lee* invented the Stocking Frame	181
Another Plague in *London*, whereof 30,578 died	168
The horrid Gun Powder Treaſon	165
The Holy Bible new tranſlated	163
The *New River* brought to *London*	156
A Plague in *London*, whereof, and of other Diſeaſes, died 54,265	145
New England planted	140
King *Charles* I. beheaded	122
King *Charles* II. reſtored	110
Another Plague in *Lond.* of which, &c. died near 100,000	105
13200 Houſes burnt in *London*	104
A great Comet appeared in *December* and *January*	90
The great 13 Weeks Froſt	86
King *William* III. and Queen *Mary* crowned, *April* 11	81
England and *Scotland* united	63
St. Paul's in *London* finiſhed	62
Queen *Anne* died *Auguſt* 1; and King *George* I. began	56
Preſton Rebellion	55
King *George* I. died *June* 11; and King *George* II. procl. 15	43
A ſplendid Comet, ſeen from *Dec.* 23 to *Feb.* 20	27
A Rebellion, when the Rebels came ſo far as *Derby*	25
The Prince of *Wales* died; and *Poor Robin* broke his Leg	19
The Date and Calendar altered	18
The Militia Act paſſed	13
King *George* II died *October* 25; and King *George* III. began to reign	10
King *George* III. and Queen *Charlotte* crowned *September* 22	9

Whom GOD grant long to reign! *Amen.*

" Th' immortal Line in ſure Succeſſion reigns,
" The Fortune of the Family remains,
" And Grandſires Grandſons the long Liſt contains.

DRYDEN.

BY virtue of an Act, made in 1751, for Alteration of the Style, the Beginning of the Year was changed from the 25th of *March* to the 1st of *January*, which Change took Place on the 1st of *Jan.* 1752.

In Conſequence of the ſame Act of Parliament, the Uſe of the *Julian* Account, or Old Style, heretofore followed in this Country, ceaſed on the ſecond of *September* of the ſame Year 1752; and by dropping or leaving out eleven nominal Days, and calling the next, which would have been the third, the fourteenth, the New Style took Place: and from thence, by the ſaid Act, is directed to be uſed for all Time to come, in all his Majeſty's Dominions ſubject to the Crown of *Great Britain*. By this Alteration, the ſeveral Fixed or Immoveable Feaſts, as they are ordered to be placed in the New Calendar upon the ſame nominal Days of the reſpective Months as they were placed upon in the Old, will come 11 Days earlier than they would otherwiſe have done, and thereby make all Things depending upon them, ſuch as the Opening or Incloſing of Common Fields and Paſtures, the Holding of Fairs and Marts, the Payments of Rents and Annuities, and the Commencement or Extinction of many private Rights and Matters of Property, do the ſame: To prevent therefore any Inconvenience ariſing therefrom, the Act provides and directs, That the Opening or Incloſing of Paſtures, the Payments of Rents, Annuities, and all other Things depending on the Fixed or Immoveable Feaſts, ſhall not by this means be accelerated or forwarded, but that the Days of Opening or Shutting ſuch Paſtures, of Paying ſuch Rents or Annuities, and of doing all ſuch other Matters and Things formerly to be done and performed on the ſaid Feaſts, ſhall be Kept, Obſerved, and Performed, on the ſame natural Days of the Year on which the ſaid Feaſts would have fallen, if this Act had not been made. For this Reaſon the 5th of *April* is called *Old Lady-Day*, and the 10th of *October Old Michaelmas-Day*, and ſo of the reſt, as being the reſpective Days on which all ſuch Rents and Payments become due, ſuch Rights take Place, and ſuch Matters and Things to be done, and not before. All that is here ſaid relates to the ſeveral Things above-mentioned, depending on Fixed or Immoveable Feaſts; but all ſuch as depend on Moveable Feaſts or on Days depending on them, are to take Place, and be reckoned according to the New Calendar, in purſuance of an Act of Parliament of the Year 1752, for amending the former Act of the Year 1751.

N. B. That all Dates of Births, Deaths, or other remarkable Events, in the Regal or Chronological Tables, prior to, or upon, the ſecond of *September* 1752, are to be underſtood according to the *Julian* Account, or Old Style; but after that Time, the annual Returns of them are placed in the Calendar Part of the Almanack, according to the New Style, Eleven nominal Days later.

JANUARY hath xxxi Days. P. R.

	M D	Decl. ☉ South.
First Quart. the 5	1	23 1
Full Moon the 11	6	22 29
Last Quart. the 18	11	21 47
New Moon the 26	16	20 54
	21	19 51
	26	18 39

Day at ☽ in the Morn. 5 at Night. a Quart. past 5 at Night. 3 Quart. past 10 at Night.

1	a	Circumcision.	8	A	58
2	b	Oct. Stephen.	10		6
3	c	Oct. John.	11		18
4	d	Oct. Innocents.	Morn.		
5	e	Old Christ. D.	1		33
6	f	Epiphany.	0		49
7	G	1 S. aft. Epiph.	3		7
8	a	Lucian, P. & M.	4		24
9	b	Julian.	5		35
10	c	Day increased	6		36
11	d	26 minutes.	☽ rises		
12	e	O. N. Y. Day.	5	A	37
13	f	Hilary B. & C.	7		1
14	G	2 S. aft. Epiph.	8		22
15	a	Ox. Term beg.	9		39
16	b	Marcell.	10		53
17	c	Old Tw. Day.	Morn.		
18	d	Prisca, R. V. M.	0		5
19	e	*Nottingham Fair.*	1		15
20	f	Fabian, B. & M.	2		21
21	G	3 S. aft. Epiph.	3		25
22	a	Vinc. Sp. Deac.	4		21
23	b	Term begins.	5		11
24	c	Timotheus.	5		53
25	d	Conv. St. Paul.	6		27
26	e	Polycarp.	☽ sets.		
27	f	Christopher.	5	A	28
28	G	4 S. aft. Epiph.	6		38
29	a	Theodore.	7		48
30	b	K. Ch. I. Mart.	8		59
31	c	Saturninus.	10		12

Poor Robin humbly presumes the following (from the TATLER) will be acceptable to all his honest READERS: The subject of it being matter very useful for families, I thought it deserved to be considered, and made more publick. The turn the poet gives it, is very happy; but the foundation is from a real accident. A young gentleman of a great estate fell desperately in love with a great beauty, of very high quality, but as ill-natured as long flattery and an habitual self could make her. However, my young spark ventures upon her, like a man of quality, without being acquainted with her, or having ever saluted her, till it was a crime to kiss any woman else, —— Beauty is a thing which palls with possession; and the charms of this lady soon wanted the support of good-humor and complaisancy of manners. Upon his my spark flies to the *bottle* for relief from his satiety. She disdains him for being tired with that for which all men envied him; and he never came home, but it was —— Was there no sot that would stay longer? Would any man living out you? Did I leave all the world for

Q. Charlotte's Birth-day kept.

If the *old* Year did End with eating and drinking;
Do not begin *this*, with gaming and cheating:
Of *Exceſſes* in all Things I'd have you beware;
If you *ſpar'd* for to ſpend, ſpend ſo as to *ſpare*.

D.	Clock bef. ☉
1	4 15
6	6 31
11	8 36
16	10 25
21	11 58
26	13 10

21	1	New Year's Day.	8	4	3	55
22	2	Squire Bungey.	8	4	3	56
23	3	*Upon my Life,*	8	3	3	57
24	4	*A prudent Wife,*	8	2	3	58
25	5	*Who gets, obtains*	8	1	3	59
26	6	*All Joys in Life.*	8	0	4	0
27	G	Vincent Dunn.	7	59	4	1
28	8	Tom Tarquin.	7	58	4	2
29	9	*But be alas,*	7	57	4	3
30	10	*Has a bad Paſs,*	7	56	4	4
31	11	*Who gets a Wife*	7	55	4	5
Jan.	12	*uncivil:*	7	54	4	6
	13	*Had better die,*	7	53	4	7
3	G	*Than come her*	7	52	4	8
4	15	*nigh;*	7	51	4	9
5	16	*Or ſend her to the*	7	50	4	10
6	17	*D—l.*	7	49	4	11
7	18	Hickathrift.	7	48	4	12
8	19	Giles Dent.	7	46	4	14
9	20	Ned Gowler.	7	45	4	15
10	G	St. Sweeting.	7	43	4	17
11	22	*If St. Paul's Day*	7	42	4	18
12	23	*be very fine,*	7	41	4	20
13	24	*I mean, if calm,*	7	39	4	21
14	25	*and Sun do ſhine;*	7	37	4	23
15	26	*You then abroad*	7	36	4	25
16	27	*may ſafely roam,*	7	34	4	26
17	G	*If not, you then*	7	32	4	28
18	29	*may ſtay at home.*	7	30	4	30
19	30	Naſty Nan.	7	28	4	32
20	31	Dirty Paps.	7	27	4	33

"The generality of mankind are ſo very fond of the world, and of ſtaying a great while in it, that a man cannot have eminent ſkill (or even be thought to have it) in any one art, but they will, in ſpite of his teeth, make him a phyſician alſo, that being a ſcience the worldlings have moſt need of.

I pretended, when I firſt ſet up, to *aſtrology* only; but I am told, I have deep ſkill alſo in *medicine*. I am applied to now by a gentleman for my advice in behalf of his wife, who, upon the leaſt matrimonial difficulty, is exceſſively troubled with fits, and can bear no manner of paſſion without falling into immediate convulſions. I muſt confeſs, it is a caſe I have known before, and remember the party was recovered by certain words pronounced in the midſt of the fit, by the learned doctor who performed the cure. Theſe ails have uſually their beginning from the affections of the mind; therefore you muſt have patience to let me give you an inſtance, whereby you may diſcern

the

'EBRUARY hath xxviii Days. P. R.

				M D	Decl. ☉ South.	
First Quart. the 3	Day at	50 m. past 11 Forenoon.		1	17	1
ull Moon the 10		4 in the Morning.		6	15	32
La Quart. the 17		38 m. past Noon.		11	13	56
ew Moon the 25		Half past 3 Afternoon.		16	12	14
				21	10	27
				26	8	36

M D	W D	Sundays, Saints, &c.	☽ Ris. & Sets.	Poetical Maggots, &c.
1	d	Bridget.	11 A 37	for this usage? To which he, —
2	c	Purif. B. V. M.	Morn.	Madam, split me, you are very
3	f	Blasius Bish.	0 43	impertinent! In a word, this
4	G	S. aft. Epiph.	1 59	match was wedlock in its most ter-
5	a	Agatha, V.&M.	3 10	rible appearances. She, at last,
6	b	Dorothy.	4 17	weary of railing to no purpose, ap-
7	c	Zacharias.	5 6	plies to a good uncle, who gives
8	d	Paul.	5 47	her a bottle of water: the virtue
9	e	Appolonia.	☽ Rises	of this powerful liquor (said he) is
10	f	Schola.	5 A 46	such, that if the woman you mar-
11	G	Septu. Sunday.	7 6	ry proves e scold (which it seems, my
12	a	Term ends.	8 25	dear niece, is your mi fortune, as it
13	b	Old Candlem.	9 40	was your good mother's before you)
14	c	Valentine, B.	10 51	let her hold six spoonfu's in her
15	d	Faustinus.	Morn.	mouth, for a full half hour after
16	e	Julian.	0 2	you come home — But I find I am
17	f	Dioscore.	1 8	not in a humor for telling a tale;
18	G	Sexa. Sunday.	2 8	and nothing in nature is so ungrate-
19	a	Days are now	3 2	ful as story-telling against the grain,
20	b	10 hours, 24	3 43	therefore take it as the author has
21	c	min. long.	4 24	given it you.
22	d	Increas. 2 hours	4 56	
23	e	48 min.	5 22	*The* MEDICINE.
24	f	St. Matthias.	5 45	
25	G	Shrove Sunday.	☽ sets.	A TALE,
26	a	Nestor.	9 A 47	*For the Ladies.*
27	b	Shrove Tuesday	8 2	" Miss *Molly*, the sam'd toast, was
28	c	Ash Wednesday	9 1[illegible]	fair and young,
				Had wealth and charms, — but then
				she had a tongue!

From

1770. Obſervations for FEBRUARY.

M. D.	Clock bef.
1	14 1
6	14 3
11	14 4
16	14 3
21	14
26	13 1

This Month affords no Beans and Bacon;
But ſtill (if *Bob* is not miſtaken)
Eggs, Rancakes, Cockles, and Cod-fiſh,
Are Food as good—as Heart can wiſh!

O. S.	N. S.	Bad Saints, ſad Sinners, &c.	Sun riſes.	Sun ſets.	Obſervations of all Sorts.
21	1	Jane Shore.	7 26	4 35	the cauſe of the diſtemper
22	2	James Naylor.	7 24	4 37	and then proceed in the cure
23	3	Abram Cook.	7 22	4 39	as follows:
24	G	*Its now high Tide*	7 20	4 41	A fine town lady wa
25	5	*in Lawyer's*	7 18	4 42	married to a gentleman o
26	6	*Purſes;*	7 16	4 44	ancient deſcent in one o
27	7	*Yet ſometimes they*	7 14	4 46	the counties of *Great Br*
28	8	*are paid with*	7 12	4 48	*tain*, who had good humo
29	9	*Curſes:*	7 11	4 49	to a weakneſs, and was tha
30	10	*If they ſend home*	7 10	4 51	ſort of perſon, of whom i
31	G	*poor Client*	7 8	4 53	is uſually ſaid, he is no
Feb. 1	12	*ſtarving,*	7 6	4 55	man's enemy but his own:
2	13	*It is but what*	7 4	4 57	one who had too much ten-
3	14	*they're well de-*	7 2	4 59	derneſs of ſoul to have any
4	15	*ſerving.*	7 1	5 0	authority with his wife;
5	16	German Duck.	6 59	5 2	and ſhe too little ſenſe to
6	17	*Now* Lovers *try*	6 57	5 4	give him authority for that
7	G	*their Mates (but*	6 55	5 6	reaſon. His kind wife ob-
8	19	*mark this Token)*	6 53	5 8	ſerved this temper in him,
9	20	*Obſerve to woo,*	6 51	5 10	and made proper uſe of it
10	21	*while Fortune's*	6 49	5 12	But knowing that it wa
11	22	*Gates are open.*	6 47	5 14	below a gentlewoman t
12	23	Long Megg.	6 45	5 16	wrangle, ſhe reſolved upo
13	24	Sam. Barker.	6 43	5 18	an expedient to ſave deco
14	G	Moll Martin.	6 41	5 20	rum, and wear her dear t
15	26	Bold Garſon.	6 39	5 22	her point at the ſame time
16	27	Roaring Will.	6 38	5 23	She therefore took upon he
17	28	Lickſpiggot.	6 36	5 25	to govern him, by fallin
					into fits whenever ſhe wa
					repulſed in a requeſt, o
					contradicted in a diſcurſe
					It was a fiſh-day, when i
					the midſt of the huſband'
					goo

MARCH hath xxxi Days. P. R.

First Quart. the 4
Full Moon the 11
Laſt Quart. the 19
New Moon the 27
} Day at {
22 min. paſt 8 at Night.
3 Quar. paſt 3 Afternoon.
22 min. paſt 9 Morn.
Half paſt 5 Morn.

M	D	Decl. ☉ South.
1	7	29
6	5	33
11	3	36
16	1	38
21	0	N21
26	2	15

1	d	David.	10 A	34	From morn' to night, th' eternal larum runs,
2	e	Cedde, or Chad.	11	49	Which often loſt thoſe hearts her eyes had won.
3	f	Maurice.	Morn.		
4	G	1 Sun. in Lent.	1	1	
5	a	Victor.	2	7	Princeſs of Heſſe born 1722
6	b	Ember Week.	3	3	
7	c	Perpetua Mau.	3	47	Sir *John* was ſmitten, and confeſs'd his flame,
8	d	Philemor.	4	21	Sigh'd out the uſual time, then wed the dame;
9	e	40 Martyrs.	4	51	Poſſeſs'd he thought of every joy of life,
10	f	Cunibert.	5	15	But his dear *Molly* proved a very wife.
11	G	2 Sun. in Lent	☽ riſes		Exceſs of fondneſs did in time decline,
12	a	Greg. M. & B.	7	18	Madam lov'd money, and the *knight* lov'd wine;
13	b	Days increaſed	8	34	From whence ſome petty diſcord would ariſe,
14	c	4 hours 2 m.	9	48	As, *You're a fool*; and, *You are mighty wiſe!*
15	d	being now 11	10	56	Tho' *he*, and all the world allow'd her wit,
16	e	hours 50 min.	11	39	Her voice was ſhrill, and rather loud than ſweet;
17	f	long.	Morn.		
18	G	3 Sun. in Lent	0	5	
19	a	Edward.	1	45	Annunciation B. V. Mary.
20	b	Joachim.	2	27	
21	c	Benedict.	3	2	When ſhe began, — for hat and ſword he'd call,
22	d	Alphrodoſius.	3	30	Then, after a faint kiſs, — cry B'ye dear *Moll*,
23	e	Theodore.		54	
24	f	Quirinus.	4	16	
25	G	Mid. Lent Sund.	4	37	
26	a	Caſtule.	☽ ſets.		
27	b	Dorothy.	7	A 5	
28	c	Euſtace.	8	2	
29	d	Day 12 h. 48	9	43	
30	e	m. long.	10	58	
31	f	Adeline.	Morn.		

Supper

M. D.	Clock bef. ⊙
1	12 44
6	11 38
11	10 21
16	8 5
21	7 24
26	5 3

This is no Time for Mack'rel, nor green Peaſon,
For why? Becauſe they now are out of Seaſon:
But Legs of Veal, with Greens, and well-fed Bacon,
Will not (I think) by many be forſaken.

18	1	Taffy Toaſt	6	34	5	27
19	2	Cheeſe.	6	32	5	29
20		*And now here comes*	6	30	5	31
21	C	*St. David's Day,*	6	28	5	33
22		*The* Welſh *for*	6	26	5	35
23	6	*toaſted Cheeſe*	6	24	5	37
24	7	*will pray:*	6	22	5	39
25	8	*And in their Hats,*	6	20	5	41
26	9	*a Leek they'll*	6	18	5	43
27	10	*wear;*	6	16	5	45
28	C	*But, give poor*	6	14	5	47
Mar.	12	Bob *ſome good*	6	12	5	49
	13	March Beer!	6	10	5	51
3	14	James Dunn.	6	8	5	53
4	15	Maſſanella.	6	6	5	55
5	16	*The Fox, the Ape,*	6	4	5	57
6	17	*and Humble Bee,*	6	2	5	59
7	C	*Were all at odds,*	6	0	6	1
8	19	*being but Three:*	5	58	6	3
9	20	*Until the Gooſe came*	5	56	6	5
10	21	*out a Door,*	5	54	6	7
11	22	*And made all even*	5	52	6	9
12	23	*being Fair.*	5	50	6	11
13	24	Landlord's Eve.	5	48	6	13
14	C	St. Landlord.	5	46	6	15
15	26	*Salt Fiſh and Eggs*	5	44	6	17
16	27	*Some People eat:*	5	43	6	18
17	28	*I wiſh they never*	5	41	6	20
18	29	*have worſe*	5	39	6	22
19	30	*Meat.*	5	37	6	24
20	31	Young Guſkin.	5	35	6	26

good humor at table, ſh
beſh ught herſelf to try the
oroject. She made ſigns that
ſhe had ſwallowed a bone:
he man grew pale as aſhes,
and ran to her aſſiſtance,
calling for drink: no, my
dear, ſaid ſhe, recovering,
it is down; don't be fright-
ned. This accident bee
rayed his ſoftneſs enough.
The next day ſhe complain-
ed, a lady's chariot, whoſe
husband had not half his
eſtate, had a crane-neck,
and hung with twice the air
that her's did. He anſwer-
ed, Madam, you know my
ncome, you know I have
loſt two coach-horſes this
ſpring. — Down ſhe fell—
Hartſhorn! Betty, Suſan,
Alice, *throw cold water in
ber face.* With much care
and pains ſhe was at laſt
brought to herſelf, and the
vehicle in which ſhe viſited
was amended in the niceſt
manner, to prevent relapſes;
but they frequently happen
ed during that husband's
whole life, which he had
the good fortune to end in a
few years after.

The diſconſolate ſoon
pitched upon a very agree-
able

APRIL hath xxx Days. P. R.

				M D	Decl. ☉ North.	
				1	4	39
irst Quart. the 3	Day at	half past 3 Morn.		6	6	33
Full Moon the 10		half past 4 Morn.		11	8	25
aft Quart. the 18		5 in the Morning.		16	10	13
New Moon the 25		3 Quar. past 4 Afternoon.		21	11	57
				26	13	36

1	G	5 Sund. in Lent	0	M	7
2	a	Mary of Egy.	1		2
3	b	Richard, Bish.	1		52
4	c	St. Ambrose.	2		31
5	d	O. Lady Day.	3		1
6	e	Camb. T. ends.	3		27
7	f	Oxf. T. ends.	3		50
8	G	Palm Sunday.	4		11
9	a	Marcellus.	4		33
10	b	Ezechiel.	☽ rises.		
11	c	Leo.	8		45
12	d	Maund. Thurs.	9		52
13	e	Good Friday.	10		53
14	f	Tiburtius.	11		45
15	G	Easter Sunday	Morn.		
16	a	Monday.	0		31
17	b	Tuesday.	1		7
18	c	Day 14 h. 2 m.	1		37
19	d	Alphage, Archb	2		3
20	e	Day increased	2		25
21	f	6 h. 30 min.	2		47
22	G	Low Sunday.	3		4
23	a	St. George.	3		28
24	b	Adelbert.	3		50
25	c	St. Mark, Ev.	☽ sets.		
26	d	Clote.	8	A	46
27	e	Anastatius.	10		2
28	f	Vitalis.	11		8
29	G	2 S. Aft. Easter	11		57
30	a	Erkenwal.	Morn.		

Supper and friends expect me at the Rose.
And, what, Sir *John*, you'll get your usual dose:
Go, stink of smoak, and guzzle nasty wine,
Sure, never virtuous love was us'd like mine!

Oft, as the watchful bellman ma ch'd his round,
At a fresh *bottle* gay Sir *John* he found.
By *fur*, the knight would get his business done,
And only then reel'd off, because alone;
Full well *he* knew the dreadful storm to come,
But, arm'd with *Bourdeaux*, he durst venture home.

My *lady* with her tongue was still prepar'd,
She rattled loud, and *he* impatient heard:
'Tis a fine ham! in a sweet pickle made!
And this, Sir *John*, is ev'ry day the trade.

Here

1770. Observations upon APRIL.

Now *April* Show'rs refresh our *Mother* Earth,
Which gives to Plants and Flow'rs a second Birth:
The *Cuckoo* sings; all Nature now looks gay,
And soon will welcome in the Month of MAY!

M D	Clock bef. ☉
1	3 59
6	2 30
11	1 3
16	0 aft. 16
21	1 23
26	2 22

21		G	**All Fool's Day.**	5	33	6	28
22	2		**Hewson Cobler.**	5	31	6	30
23	3		*Men now Parley*	5	29	6	32
24	4		*in Ground dispose,*	5	27	6	34
25	5		*Which may in*	5	25	6	36
26	6		*Winter warm*	5	23	6	38
27	7		*your Nose.*	5	21	6	40
28		G	**Jack Lilburn.**	5	19	6	42
29	9		**Dr. Faustus.**	5	17	6	44
30	10		**D. of Mascon.**	5	15	6	46
31	11		**Toby Truby.**	5	13	6	48
Apr. 1	12		*On St.* Mark's	5	11	6	50
2	13		*Eve, at Twelve*	5	10	6	51
3	14		*o'Clock,*	5	8	6	53
4		G	*The* Fair Maid *she*	5	6	6	55
5	16		*will watch her*	5	4	6	57
6	17		Smock;	5	2	6	59
7	18		*To find her Hus-*	5	0	7	1
8	19		*band in the Dark,*	4	58	7	3
9	20		*By praying unto*	4	56	7	5
10	21		*good St.* Mark.	4	54	7	7
11		G	**Joe Scranbag.**	4	52	7	9
12	23		**Pope Joan.**	4	51	7	10
13	24		**Giles Guzzle.**	4	49	7	12
14	25		**Pat. Cock.**	4	47	7	14
15	26		**Jack Rotten.**	4	45	7	16
16	27		**Long Fanny.**	4	43	7	18
17	28		**Nan Tamal.**	4	41	7	20
18		☾	**Whim Wham.**	4	40	7	21
19	30		**Bob. Merryman.**	4	38	7	23

able successor, whom she very prudently designed to govern by the same method. This man knew her little arts, and resolved to break through all tenderness, and be absolute master, as soon as occasion offered. One day it happened, that a discourse arose about furniture: he was very glad of the occasion, and fell into an invective against *china*, protesting, he would never let five pounds more of his money be laid out that way so long as he breathed. She immediately fainted—he starts up as amazed!—and calls for help—the maids ran to the closet—he chases her face, bends her forwards, and beats the palms of her hands: her convulsions increase, and down she tumbles on the floor, where she lies quite dead, in spite of what the whole family, from the nursery to the kitchen, could do for her relief.

While every servant was thus helping or lamenting their mistress, he fixing his cheek to hers seem-

MAY hath xxxi Days. P. R:

				M D	Dec. ☉ North.	
First Quart the 2	Day at	half past 9 Morning.		1	15	10
Full Moon the 9		half past 6 Afternoon.		6	16	37
Last Quart. the 17		Quart. past 10 at Night.		11	17	57
New Moon the 25		half past Midnight.		16	19	0
First Quar. the 31		4 in the Afternoon.		21	20	15
				26	21	11

1	b	St. Ph. & Jam.	0 M	38	Here I sit moping all the live-long night,
2	c	Term begins.	1	10	
3	d	Invent. Cross.	1	37	Devour'd with sp'een, and stranger to delight;
4	e	Florian.	2	1	Till morn sends staggering home a drunken beast,
5	f	Gothardie.	2	21	
6	G	3 S. aft. Easter.	2	43	Resolv'd to break my heart, as well as rest.
7	a	Beverly.	3	4	
8	b	Stanislaus.	3	29	
9	c	Nicholas.	☽ Rises		Hey! hoop! d'ye hear my d--nd obstrep'rous spouse!
10	d	Gordian.	8 A	46	What, can't you find one bed about the house!
11	e	Mamercie.	9	43	
12	f	Old May Day.	10	29	Will that perpetual clack lie never still!
13	G	4 S aft. Easter.	11	9	
14	a	Day increased	11	41	That rival to the softness of a mill!
15	b	7 h. 50 m.	Morn.		Some couch and distant room must be my choice,
16	c	Peregrine.	0	9	
17	d	Potentius.	0	32	Where I may sleep uncurs'd with
18	e	Ellen, Queen.	0	52	Queen Charlotte born 1744.
19	f	Dunstan.	1	12	
20	G	5 S. aft. Easter.	1	32	
21	a	Urban.	1	53	wife and noise.
22	b	Sarah.	2	17	Long this uncomfortable life they led,
23	c	Rogat. Week.	2	45	With snarling meals, and each a separate bed.
24	d	Holy Thursd.	3	22	
25	e	Servulus.	☽ Sets.		To an old uncle oft she would complain,
26	f	Aug. Archb.	9 A	49	
27	G	6 S. aft. Easter.	10	35	Beg his advice, and scarce from tears refrain.
28	a	Term ends.	11	11	Old *Wisewood* smoak'd the matter as it was,
29	b	K. C. II. B. & R.	11	40	
30	c	Vigan.	Morn.		Chear up, cry'd he, and I'll remove the cause.
31	d	Petronel.	0	5	

A

M D	Clock after ⊙
1	3 8″
6	3 40
11	3 58
16	4 2
21	3 51
26	3 27.

Now MAY! (the sweetest month in all the year,)
With all her pomp and beauty does appear:
Rise up betimes, view nature's lovely bloom!
Which erst was bury'd in cold Winter's tomb!

20	1	Milk Maids	4	36	7	25
21	2	*Now milk-maids shine,*	4	34	7	27
22	3	*in rural dress,*	4	33	7	28
23	4	*Sweeter than Queens,*	4	31	7	30
24	5	*or Shepheresses.*	4	30	7	31
25	G		4	28	7	33
26	7		4	26	7	35
27	8	Doriſlaus	4	25	7	36
28	9	Frank. Bodell	4	23	7	38
29	10	Joſh. Bailey	4	22	7	39
30	11	Jim. Walker	4	20	7	41
May	12	*The Trees have don'd*	4	19	7	42
	G	*their Leafy-Hats;*	4	17	7	44
3	14	*And Man now in the*	4	16	7	45
4	15	*Arbor chats.*	4	14	7	47
5	16		4	12	7	48
6	17		4	11	7	50
7	18	Jack Griffen	4	10	7	51
8	19	Tom Billſon	4	8	7	53
9	G	*The* Weather's *warm,*	4	6	7	54
10	21	*makes Girls to marry,*	4	5	7	55
11	22	*If in their* Teens *they*	4	3	7	57
12	23	*cannot tarry.*	4	2	7	58
13	24		4	1	7	59
14	25		4	0	8	0
15	26	Garagantua	3	59	8	1
16	G	Pariſmos	3	58	8	2
17	28	Pariſmenos	3	57	8	3
18	29	Tyburn's Glory	3	56	8	4
19	30	Blue-Beard	3	55	8	5
20	31	Sam. Smith	3	54	8	6

ſeemed to be following her in a Trance of Sorrow; but ſecretly whiſpers her; *My Dear. This will never do; What is within my Power and Fortune you may always command, but none of your Artifices: You are quite in other Hands than thoſe you paſſed theſe pretty Paſſions upon.*—This made her almoſt in the Condition ſhe pretended; her Convulſions now come thicker, nor was ſhe to be held down. The kind Man doubles his Care, helps the Servants to throw Water in her Face by full Quarts; and when the finking Part of the Fit came again, *Well, my Dear,* (ſaid he) *I applaud your Action; but I muſt take my Leave of you till you are more ſincere with me: Farewel for ever: You ſhall always know where to bear of me, and want for nothing.* With that, he ordered the Maids to keep plying her with Hartſhorn, while he went for a Phyſician: He was ſcarce at the Stair-head, when ſhe followed, and pulling him into a Cloſet, thanked him for her Cure; which was ſo abſolute, that ſhe gave this Relation

June hath XXX Days Poor Rob.

	M D	Decl. ☉ North.	
Full Moon the 8th day, at half past 9, morn.	1	22°	7
Last Quarter the 16th day, at a quarter past noon.	6	22	42
New Moon the 23d day, at half past 8, morning.	11	23	8
First Quarter the 30th day, at half past midnight.	16	23	24
	21	23	29
	26	23	24

1	e	Nicom. Rom.	0 M	27	" A wond'rous spring within my garden flows,
2	f	Marcelline.	0	49	Of sov'reign virtue, chiefly to compose
3	G	Whitsunday.	1	9	
4	a	Monday	1	32	King George III. born 1738.
5	b	Tuesday.	1	57	Domestic jars and matrimonial strife,
6	c	Ember Week.	2	28	The best elixir t'appease man and wife;
7	d	Wolstan.	3	5	Strange are th'effects, the qualities divine,
8	e	Medard.	☽ Rises		'Tis water call'd, but worth its weight in wine.
9	f	Felician.	9 A	5	
10	G	Trinity Sunday	9	40	Prin. Amelia Sophia b. 1711.
11	a	St Barnabas.	10	8	
12	b	Basil.	10	35	If in his sullen airs Sir *John* should come,
13	c	O. & C.T. beg.	10	55	Three spoonfuls take, hold in your mouth—then mum:
14	d	Corpus Christi.	11	13	
15	e	Ruland.	11	32	Term begins.
16	f	Quiricus.	11	52	
17	G	1 S. after Trin.	Morn.		Smile, and look pleas'd, when he shall rage and scold;
18	a	Marcus.	0	12	
19	b	D.16h.34m.lo.	0	39	Still in your mouth the healing cordial hold;
20	c	Transl. of Edw.	1	10	
21	d	Walburg.	1	50	One month this sympathetic med'cin try'd,
22	e	St Albane.	2	42	He'll grow a lover, you a happy bride.
23	f	Etheldred.	☽ Sets		
24	G	2 S. after Trin.	9 A	3	Nativity of St John Baptist.
25	a	Amphibalus.	9	37	
26	b	Adelph.	10	3	But, dearest niece, keep this grand secret close;
27	c	Jeremias.	10	31	
28	d	Leo.	10	48	Or ev'ry pratt'ling hussy'll beg a dose.
29	e	St Peter Ap.	11	9	" A water-bottle's brought for her relief,
30	f	Dorothy.	11	32	Not *Nant's* could sooner ease the Lady's [grief:

Her

1770. Observations in June.

Now is majeſtic *Sol* in's higheſt Clime,
And greateſt Altitude, the Tropic Sign:
Affording hotteſt Beams, and melting Rays,
To ma·e the Seaſon teem with Summer-days.

M D	Clock after (
1	2′ 4
6	1 54
11	0 57
16	0 bef. 4
21	1 8
26	2 12

21	1	Fryar Tuck	3	52	8	7
22	2		3	5·	8	8
23	☌	*Theſe* Holidays *the*	3	5	8	9
24	4	*Girls are mad,*	3	50	8	10
25	5	*And after Huſbands*	3	5·	8	10
26	6	*they will gad;*	3	4·	8	11
27	7	*But bear what old*	3	48	8	12
28	8	Poor Bob *does ſay,*	3	48	8	12
29	9	*When they are bound,*	3	47	8	13
30	☌	*they muſt obey.*	3	47		13
31	11		3	47	8	13
1	12		3	4·	8	14
2	13		3	4·	8	14
3	14	Nick Wood	3	46	8	14
4	15	Muggleſton	3	45	8	15
5	16	Priſs Holland	3	45	8	15
6		*Great Benefits are*	3	44	8	16
7	18	*oftentimes*	3	44	8	16
8	19	*The Cauſes of the*	3	43	8	17
9	20	*greateſt Crimes;*	3	43	8	17
10	21	*That Slave whom*	3	43	8	17
11	22	Pompey *did promote,*	3	43	8	17
12	23	*Was he propos'd to cut*	3	43	8	17
13	☌	*his Throat.*	3	43	8	17
14	25		3	44	8	16
15	26	Sir Harry Vane	3	44	8	16
16	27	Tom Thickatrick	3	44	8	16
17	28	Ned Denby	3	45	8	15
18	29	3 Loggerheads	3	45	8	15
19	30	Dolly My-leg	3	46	8	14

Relation herſelf, to be com
municated (to the Publick) fo
the Benefit of all voluntary In
valids of her Sex."

The Difference between
Love and Lust.

"The Impoſition of hone
Names and Words upon im
proper Subjects, has made ſ
regular a Confuſion amongſt
us, that we are apt to ſit down
with our Errors, well enough
ſatisfied with the Methods we
are fallen into, without at-
tempting to deliver ourſelves
from the Tyranny under which
we are reduced by ſuch Inno-
vations. Of all the laudable
Motives of human Life, none
has ſuffered ſo much in this
Kind, as Love; under which
reverend Name, a brutal Deſire
called Lust is frequently con-
cealed and admitted; though
they differ full as much, as a
Matron from a *Proſtitute*, or a
Companion from a *Buffoon*.

The Figures which the an-
cient Mythologiſts and Poets
put upon *Love* and *Luſt* in their
Writings, are very inſtructive,
Love is a beauteous blind Child,
adorned

July hath XXXI Days. P. Robin.

M D	Decl. ☉ North.	
1	23°	9′
6	22	43
11	22	8
16	21	23
21	20	30
26	19	27

Full Moon the 8th day, at 11 min. past midnight.
Last Quarter the 15th day, at 11 at night.
New Moon the 22d day, at half past 3, afternoon.
First Quarter the 29th day, half before noon.

1	[illegible]	3 S. after Trin.	1 A 56	
2	a	Visit. B. V. Ma.	Morn.	Her busy thoughts are on the tryal bent,
3	b	[illegible] Comm.	0 26	And female-like, impatient for th'event.
4	c	Transl. S. Mart.	1 0	Term Ends.
5	d	Old Midsum. D.	1 39	
	e	An lem.	2 30	The bonny knight reels home exceeding clear,
7	f	Tho. à Becket.	☽ Rises	Prepar'd for clamor and domestic war:
8	[illegible]	[illegible] S. after Trin.	8 A 8	Ent'ring, he cries,—Hey! where's our thunder fled!
9	a	Ox. [illegible]	8 32	
10	b	7 Brethren.	8 55	No hurricane! *Betty*'s your lady dead?
11	c	Pius.	9 15	Madam, aside, an ample mouthful takes,
12	d	Nabon.	9 34	Court'sys, looks kind, but not a word she speaks:
13	e	K. Utrecht.	9 58	Wond'ring he star'd; scarcely his eyes believ'd,
14	f	Bonaventure.	10 13	
15	G	5 S. after Trin	10 36	But found his ears agreeably deceiv'd.
16	a	Day 16 hours	11 3	Why, how now, *Molly*, what's the crotchet now?
17	b	2 min long.	11 38	
18	c	Day decreasd	Morn.	She smiles, and answers only with a bow.
19	d	36 minutes.	0 22	Then clasping her about,—why, let me die!
20	e	Margaret V.	1 20	
21	f	Praxad.	2 31	
22	G	6 S. after Trin.	☽ Sets	Queen of Denmark born 1751.
23	a	Rufinus	7 A 59	
24	b	Christiana	8 30	
25	c	St James Apost.	8 48	These nightclothes, *Moll*, become thee mightily!
26	d	St Anne	9 12	With that, he sigh'd, her hand began to press,
27	e	Martha	9 34	
28	f	Panthaleon	9 59	And *Betty* calls, her lady to undress.
29	G	7 S. after Trin.	10 26	Nay,
30	a	Dog Days Beg.	10 58	
31	b	Abdon.	11 37	

M D	Clock before ☉
1	3 13
6	4 7
11	4 52
16	5 28
21	5 49
26	5 57

And now the *Earth* muſt '*doff* her lovely Green,
Bedeck'd with *Ceres* Wealth! Ah charming Queen!
Who now, on Hills and Dales ſits moſt delicious
So long as *Sol* is kind, and proves propitious.

20	G	Tom Drybones	3	46	8	14
21	2	Frank Doodle	3	46	8	14
22	3		3	47	8	13
23	4	*If the* Sun *ſhine,*	3	48	8	12
24	5	*And Weather's fine;*	3	48	8	12
25	6	*To make your Hay,*	3	49	8	11
26	7	*Do not delay.*	3	50	8	10
27	G		3	50	8	10
28	9		3	51	8	9
29	10	Ned Noodle	3	52	8	8
30	11	Sarabrand	3	53	8	7
July 1	12	Clidamira	3	54	8	6
	13	Limberham	3	55	8	5
3	14	Corinna	3	56	8	4
4	G	Decius	3	57	8	3
5	16	*If in the Shade*	3	58	8	2
6	17	*You meet a Maid,*	3	59	8	1
7	18	*To kiſs her Lips*	4	0	8	0
8	19	*Be not afraid.*	4	1	7	59
9	20	Jenny Diſtaff	4	3	7	57
10	21	Florimel	4	4	7	56
11	G	*He that weds an old*	4	5	7	55
12	23	*Hag, that had three*	4	7	7	53
13	24	*Men before,*	4	8	7	52
14	25	*Has one* Hell *on Earth,*	4	10	7	50
15	26	*and another in Store*	4	11	7	49
16	27		4	13	7	47
17	28	Frank Allen	4	14	7	46
18	G	Heroſtratus	4	15	7	45
19	30	Xantippe	4	17	7	43
20	31	Mahomet	4	18	7	42

adorned with a Quiver and a Bow, which he plays with, and ſhoots around him, without Deſign or Direction; to intimate to us, that the Perſon beloved has no Intention to give us the Anxieties we meet with; but that the Beauties of a worthy Object are like the Charms of a lovely Infant: They cannot but attract your Concern and Fondneſs, though the Child ſo regarded is as inſenſible of the Value you put upon it, as it is that it deſerves your Benevolence. On the other Side, the Sages figured *Luſt* in the Form of a *Satyr*; of a Shape part Human, part Beſtial; to ſignify, that the Followers of it proſtitute the Reaſon of a Man to purſue the Appetites of a Beaſt. This *Satyr* is made to haunt the Paths and Coverts of the *Wood-Nymphs* and *Shepherdeſſes*, to lurk on the Banks of Rivulets, and watch the purling Streams; (as the Reſorts of retired Virgins) to ſhow, that lawleſs Deſire tends chiefly to prey upon Innocence, and has ſomething ſo unnatural in it that it hates its own Make

M D	Decl. ☽ North.
1	18° 2′
6	26 42
♌ 15	25 16
16	13 44
21	12 6
26	10 23

oon the 6th day, at 18 m. paſt 3, afternoon.
uarter the 14th day, at 8 in the morning.
loon the 20th day, at 49 min. paſt 10 at night.
uarter the 28th day, 26 min. paſt 2, morn.

ammas day	Morn.		Nay, kiſs me, *Molly*, for I'm much inclin'd—
tephanus.	0	24	
Dominicus.	1	17	Her face ſhe cuts, to take him in the mind.
ariſtarchus.	2	15	Thus the fond pair to bed enamour'd went,
S. after Trin.	3	17	
Transfig. of L.	☽ Riſes		The lady pleas'd, and the good knight content.
Name of Jeſus	7 A	21	For many days theſe fond endearments paſs'd,
yriacus	7	41	
Romanus	8	0	The reconciling bottle fails at laſt;
St Laurence.	8	21	
	8	45	
9 S. after Trin.	9	8	O. Lam. Pr. of Wales bo. 1762.
Hippolite.	9	40	'Twas us'd and gone——then midnight ſtorms aroſe.
Faſtend.	10	20	
Aſſumption.	11	10	
Day 14 Hours	Morn.		P. Fred. Bp of Oſnaburg b. 1763.
and half long.	0	13	
dec. 2 h. 10 min	1	26	And looks and words the union diſcompoſe.
10 S. aft. Trin.	2	47	
Lodwick.	4	8	
Athanaſius.	☽ Sets		Pr. William Henry born, 1765.
Timothy.	7 A	18	
Quiriacus.	7	40	Her coach is order'd, and poſt-haſte ſhe flies,
	8	5	To beg her uncle for ſome freſh ſupplies;
Ludovicus.	8	32	Tranſported does the ſtrange effects relate,
11 S. after Trin.	9	4	
Ziphinianus.	9	42	Her knight's converſion, and her happy ſtate!
S. Au. B. of Hip.	10	26	"Why, niece, ſays he—I prithee apprehend
Behead. J. Bap.	11	13	
Felix.	Morn.		The water's water, be thyſelf thy friend;
Paulinus.	0	13	

Such

M	D	Clock before ☉
	1	5 49″
	6	5 23
	11	4 44
	16	3 52
	21	2 44
	26	1 27

Farmers, how mind your Harveſt, there's no Reaſon
To fear but this may prove a plenteous Seaſon:
And when your Barns are full; forget not then
To praiſe that GOD who is ſo good to Men!

21	1		Hudibras	4	19	7 41
22	2		Merlin	4	21	7 39
23	3		Bob Lilburn	4	23	7 37
24	4	*Now Corn is ripe as*		4	24	7 36
25	G	*Virgin fair;*		4	25	7 34
26	6	*To cut it down have*		4	27	7 32
27	7	*ſpecial Care.*		4	28	7 31
28	8		Jack Downs	4	30	7 29
29	9		Dedalus	4	31	7 28
30	10		Philander	4	33	7 26
31	11		Pacolet	4	35	7 24
Aug. 1	G	*Old* Grannum *ſays*		4	36	7 23
2	13	*ſhe's full of Pain,*		4	38	7 21
3	14	*To-morrow it will be*		4	40	7 19
4	15	*ſome Rain;*		4	42	7 17
5	16	*Then haſte to get ſafe*		4	44	7 15
6	17	*home your Grain.*		4	45	7 14
7	18			4	47	7 12
8	G			4	49	7 10
9	20			4	51	7 8
10	21		Jack in a Box	4	53	7 6
11	22		Hob i'th' Well	4	54	7 5
12	23		Laird Lovatt	4	56	7 3
13	24	*Let the whole Caſe be*		4	58	7 1
14	25	*ne'er ſo bad,*		5	0	6 59
15	G	*No Man can loſe what*		5	2	6 57
16	27	*he ne'er had!*		5	4	6 55
17	28			5	6	6 53
18	29			5	8	6 51
19	30		Witch of Ender	5	10	6 49
20	31		Tom Thumb	5	12	6 47

and ſhuns the Object it loved, as ſoon as it has made it like itſelf. *Love* therefore is a Child that complains and bewails its Inability to help itſelf, and weeps for Aſſiſtance, without an immediate Reflection or Knowledge of the Food it wants: *Luſt*, a watchful Tyrant, a Thief which ſeines its Prey, and lays Snares for its own Relief, and its principal Object being Innocence, it never Robs, but it Murders at the ſame Time."

"As Charity is eſteemed a Conjunction of the good Qualities neceſſary to a virtuous Man, ſo LOVE is the happy Compoſition of all the Accompliſhments that make a fine Gentleman. The Motive of a Man's Life is ſeen in all his Actions; and ſuch as have the beauteous Boy for their Inſtructor, have a Simplicity of Behaviour, and a certain Evenneſs of Deſire, which burns like the Lamp of Life in their Boſoms; while they who are inſtigated by the *Satyr*, are ever tortured by Jealouſies of the Object of their Wiſhes; often deſire what they ſcorn, and a

often

September hath XXX Days. P.Rob.	M D	Decl. ☉ North.
Full Moon the 5th day, at 6 in the morning.	1	8° 15′
Laſt Quarter the 12th day, at half paſt 3, aftern.	6	6 24
New Moon the 19th day, at 8 in the morning.	11	4 30
Firſt Quarter the 26th day, at half paſt 8 at night.	16	2 35
	21	0 38
	26	1 S. 19

1	f	Giles Abbot	1	M	15
2	G	12 S. after Trin	2		19
3	a	Theodoſius	3		24
4	b	Zacharias.	4		11
5	c	Bertine.	D	Riſes	
6	d	Enurchus B.	6	A	26
7	e	Dog-days end	6		56
8	f	Nativ. Bl. V. M.	7		23
9	G	13 S. after Trin	7		52
10	a	Solthenes.	8		28
11	b	Jacinthus.	9		12
12	c	Guidon	10		12
13	d	Philip.	11		19
14	e	Holy Croſs day	Morn.		
15	f	Nicodeme	0		33
16	G	14 S. after Trin	1		55
17	a	Lambert B.	3		17
18	b	Victor	4		38
19	c	Ember Week	D	Sets	
20	d	Euſtace.	6	A	14
21	e	St Matthew	6		41
22	f	Mauritius.	7		13
23	G	15 S. after Tri	7		48
24	a	Samuel.	8		20
25	b	Cleophas	9		18
26	c	St Cyprian AB.	10		8
27	d	Judith. Coſm.	11		12
28	e	Winceſlaus.	Morn.		
29	f	St Michael	0		15
30	G	16 S. after Trin	1		20

LONDON burnt, 1666, O. S.

Such beauty wou'd the coldeſt huſband warm,
But your provoking tongue undoes the charm:
Be ſilent and complying—you'll ſoon find,
Sir *John* without a med'cin will be kind.

REMARK.

Now, courteous readers; ſee, and hear!
This *drink* excels all others far:
WATER you find, made *Madam* mum!
(But, give *poor Bob* a glaſs of RUM.)
Let *S—rs*, and his *water-drinkers*
Take their own courſe (and all *free-thinkers*)
With Dr *Curtis*, whom he quotes,
With nought but *water*, waſh their throats!
'Tis true, to keep the *ſtomach* quiet,
A mod'rate uſe of wholſome diet,
Is now, and ever was allow'd
The means to keep health ſound & good.

King GEO. III. & Q. CHAR. Crown'd.

When ſeveral diſhes of good meat,
Before ye's on the table ſet;
Do not your ſtomach overload,
And (like him) ſneak the backward road,
When ſickneſs ſeiz'd him after dinner
('Tis true!—as true as *Bob*'s a Sinner)

Princeſs ROYAL born

He

Remember *Farmers*, whence your Goods proceed,
And think upon the *Poor* who ſtand in Need:
Free Hearts have Joy; while niggard Souls do grudge,
And ſtill repine, poſſeſs they e'er ſo much.

M	D	Clock after ☉
1	0'	19
6	1	55
11	3	35
16	5	21
21	7	6
26	8	47

21	1	John Goſtelow	5	14	5	45
22	G	Old Mall	5	15	5	44
23	3	Sall Robin	5	17	5	42
24	4		5	19	5	40
25	5	*Who thinks to live*	5	21	5	38
26	6	*here without Trouble,*	5	23	6	36
27	7	*Does often meet with*	5	25	6	34
28	8	*Croſſes double:*	5	27	6	32
29	G	*A Suit in Law, and*	5	29	6	30
30	10	*a curſ'd Wife,*	5	31	6	28
31	11	*Does ſtill attend him*	5	33	6	26
1	12	*all his Life.*	5	35	6	24
2	13		5	37	6	22
3	14		5	39	6	20
4	15	Laird Lovet	5	41	6	18
5	G	Sue Flavel	5	43	6	16
6	17		5	45	6	14
7	18	*Our Joys are vain,*	5	47	6	12
8	19	*and fly ſo faſt;*	5	49	6	10
9	20	*They're ſcarcely felt,*	5	51	6	8
10	21	*before they're paſt.*	5	53	6	6
11	22		5	55	6	4
12	G	Bill Bradſhaw	5	57	6	2
13	24		5	59	6	0
14	25	*St* Michael *now comes*	6	1	5	58
15	26	*on the Wing,*	6	3	5	56
16	27	*Who doth to* Landlords	6	5	5	54
17	28	*Money bring.*	6	7	5	52
18	29		6	9	5	50
19	G	Sly-Boots	6	11	5	48

often conſciouſly and knowingly embrace where they are mutually indifferent.

Florio, the generous Huſband, and *Limberham*, the kind Keeper, are noted Examples of the different Effects which theſe Deſires produce in the Mind. *Amanda*, who is the Wife of *Florio*, lives in the continual Enjoyment of new Inſtances of her Huſband's Friendſhip, and ſees it the End of all his Ambition to make her Life one Series of Pleaſure and Satisfaction; and *Amanda*'s Reliſh of the Goods of Life, is all that makes them pleaſing to *Florio*: They behave themſelves to each other when preſent with a certain apparent Benevolence, which tranſports above Rapture; and they think on each other in Abſence with a Confidence unknown to the higheſt Friendſhip: Their Satisfactions are doubled, their Sorrows leſſened by Participation.

On the other Hand, *Corinna*, who is the Miſtreſs of *Limberham*, lives in conſtant Torment. Her Equipage is, an old Woman, who once was what

Corinna

October hath XXXI Days. P. Rob.

M D	Decl. ☉ South.
1	3° 26′
6	5 22
11	7 7
16	8 59
21	10 48
26	12 33

Full Moon the 4th day, at 20 min. past 8 at night.
Last Quarter the 11th day, at 50 m. past 10, night
New Moon the 18th day, at 41 m. past 7, night.
First Quarter the 26th day, at 3 qu past 4, aftern.

1	a	Remig. B. of R.	2	M	26
2	b	*Nottingham Fair*	3		35
3	c	Maximinian	4		42
4	d	Walfridus	☽	Rises	
5	e	Thracia	5	A	36
6	f	Faith, V. & M.	6		3
7	G	17 S. after Trin.	6		39
8	a	Pelagius.	7		22
9	b	S. Denys B.	8		16
10	c	Old Mich. Day	9		20
11	d	Colman	10		32
12	e	Nicaſe Eur.	11		49
13	f	Tranſl. of K. E.	Morn.		
14	G	18 S. aft. Trin.	1		7
15	a	Aurelia.	2		26
16	b	Galias	3		45
17	c	Etheldred V.	5		4
18	d	St Luke.	☽	Sets	
19	e	Ptolomey.	5	A	18
20	f	Edmund	5		51
21	G	19 S. after Trin.	6		30
22	a	D. 10 h. 12 m. lo	7		17
23	b	Salome	8		9
24	c	Evergiſtus	9		8
25	d	Criſpin, Mart.	10		9
26	e	Amandus.	11		12
27	f	Florentius	Morn.		
28	G	20 S. after Trin	0		17
29	a	Old St Luke.	1		23
30	b	Euſebius.	2		30
31	c	Wolfang	3		39

He ſays, he went his throat to tickle,
To make him ſpue!---a pretty pickle?
He puk'd ſome mouthfuls up, of phlegm;
A greedy beaſt! was't not a ſhame?
And by that means, his *quaim* went off,
(Who reads his *ſtory* needs muſt laugh!)
Well, now (ſays he) I took the hint,
(If not, I think the d--l's in't)
He's done the like ſince many a time,
And gloties in't, as if no crime!
Thus *ſow* that in the mire wallows,
Or *dog* that his own vomit ſwallows,
Their beaſtly nature do confeſs;
And *gluttons*, not a whit the leſs!
Howe'er, to make ſhort of the matter,
He don't ſay that he drank cold *water*
At thoſe times, nor on that account;
But, afterwards, did quite ſurmount
Some fits of *hyp*, or *melancholy*.
He ſays by drinking *water* wholly!
But, let *him* ſay what'e'r he can,
'Tis WINE makes glad the heart of *man*!
Which let me have; but if that fail,
I'll be content with humble ALE!
In moderation be they us'd,
But never in the leaſt abus'd;
But I'll conclude; I muſt be brief;
Cold water gives *me* ſmall Relief!

K. GEO. III. Inaugurat. } 1760
K. GEORGE III. Procla. }

St Simon, and St Jude.

1770. October's just Observations.

M D	Clock after ⊙
1	10 26
6	11 55
11	13 14
16	14 24
21	15 29
26	15 54

Phœbus, Farewel! Thy Absence all bemoan!
Earth's barren now; tho' big with Sorrow grown:
See how all Things (in *thy South Declination*)
Lie dying and dejected in their Station.

20	1	Tom Thumb	6	12	5	47
21	2	Lickspiggot	6	14	5	45
22	3		6	16	5	43
23	4	*Some hunt the* Hare,	6	18	5	41
24	5	*and some hunt* Fame,	6	20	5	39
25	6	*And some do hunt a*	6	22	5	37
26	G	*meaner Game.*	6	24	5	35
27	8		6	26	5	33
28	9	Rablais	6	28	5	31
29	10	Senacharib	6	30	5	29
30	11	Squire Squintum	6	32	5	27
☌	12	*For others Death who*	6	34	5	25
	G	*looketh out,*	6	36	5	23
3	13	*Sometimes his own*	6	38	5	21
4	14	*comes first about.*	6	40	5	19
5	15		6	42	5	17
6	16	Jo. Scott	6	44	5	15
7	17	Hib Gunthrop	6	46	5	13
8	18	Tom Harrison	6	47	5	12
9	19	Jack â Legs	6	49	5	10
10	20		6	51	5	8
11	G		6	53	5	6
12	22	*Mind* Lawyers! *now*	6	55	5	4
13	23	Term *comes to Town;*	6	57	5	2
14	24	*Take your green* Bags,	6	59	5	0
15	25	*and don your Gowns;*	7	1	4	58
16	26	*And when you come*	7	3	4	56
17	27	*into the Hall,*	7	5	4	54
18	G	*For Money you will*	7	7	4	52
19	29	*plead and bowl.*	7	9	4	50
20	30		7	11	4	48
	31					

Corinna is now; an antiquated Footman, who was Pimp to *Limberham*'s Father; and a Chambermaid, who is *Limberham*'s Wench by Fits, out of a Principle of Politicks to make her jealous and watchful of *Corinna*. Under this Guard, and in this Converſation, *Corinna* lives in State: The Furniture of her Habitation, and her own gorgeous Dreſs, make her the Envy of all the ſtrolling Ladies in the Town; but *Corinna* knows, ſhe herſelf is but a Part of *Limberham*'s Houſhold-Stuff, and is as capable of being diſpoſed of elſewhere, as any other Moveable. But while her Keeper is perſuaded by his Spies, that no Enemy has been within his Doors ſince his laſt Viſit, no *Perſian* Prince was ever ſo magnificently bountiful: A kind Look or falling Tear is worth a Piece of Brocade, a Sigh is a Jewel, and a Smile is a Cupboard of Plate. All this is ſhared between *Corinna* and her Guard in his Abſence. With this great Oeconomy and Induſtry does the unhappy *Limberham* purchaſe the conſtant Tortures of Jealouſy, the Favour of ſpending his Eſtate, and

the

November hath XXX Days. P. Rob.

	M D	Decl. ☉ South.
Full Moon the 3d day, at 3 qu. past 9, morning.	1	14° 33′
Last Quarter the 10th day, at a qu. past 5, morn.	6	16 6
New Moon the 17th day, at a qu. past 10, morn.	11	17 32
First Quarter the 25th day, at 1 in the afternoon.	16	18 51
	21	20 1
	26	21 2

1	d	All Saints.	4 M	51
2	e	All Souls.	6	4
3	f	Winifred.	☽ Rises	
4	G	21 S. after Trin	5 A	21
5	a	Powder Plot.	6	11
6	b	Leonard Conf	7	13
7	c	Florentius.	8	25
8	d	Claudius.	9	41
9	e	Theodorus.	11	0
10	f	Erastus	Morn.	
11	G	22 S. after Trin.	0	17
12	a	Lewes.	1	34
13	b	Britius, Bish.	2	51
14	c	Fredericus.	4	6
15	d	Machutus, B.	5	19
16	e	Edmund, B. C	6	30
17	f	Hugh, B. Linc.	☽ Sets	
18	G	23 S. after Trin	5 A	7
19	a	D. 8 h. 36 m. lo	5	57
20	b	Edmund, K.	6	54
21	c	D. dec. 8 h. 4 m	7	54
22	d	Cecilia V. & M	8	56
23	e	S. Clem. B of R.	10	0
24	f	Chrysogon.	11	4
25	G	24 S. after Trin	Morn.	
26	a	Conrade.	0	10
27	b	Agricola	1	17
28	c	Term Ends.	2	25
29	d	Saturnus	3	35
30	e	St Andrew	4	47

Prince Edward born.

Mr *Swift*'s Answer to Mr *Webster*'s To *P. Robin*. See *Jan.* 1768.

Term begins.

Duke of Cumberland born 1745.

Princess Sophia Augusta born.

Dear (good sir) *poor Robin*, I find that this year,
You've got some good *malt*, to make some good *beer*;
The advice that friend *Webster* sent you will not fail
To make you good *liquor* (I mean good brown ALE!)
Provided you go for your *water* a mile;
I told my wife so, which caus'd her to smile;
You say 'twas design'd for poor *Bob* and his friends,
To whom my good *wife* her best compliments sends,
And bids em take care--lest as *Baccanel*'s nigh;
Friend *Webster* and *Swift*, should drink him quite dry:

Duke of Gloucester born 1743.

So adieu, *poor* sir *Robin*; the weather is cold;
But your *Liquor*'s so good 'twould make *young* men of *old*.

Prs Dowager of Wales born 1719.

1770. November's Obſervations.

M D	Clock after ☉
1	15′ 14″
6	16 8
11	15 43
16	14 54
21	13 45
26	12 18

The cold-mouth'd *Boreas*, with his blaſting Breath,
Hath baniſh'd *Flora*, and diſ-rob'd the Earth
Of all her Pride: each Vegetable's loſt,
With ſtormy Winds, and Snows, and pinching Froſt!

21	1	Hopper Cake;	7	12	4	47
22	2	Purgatory	7	14	4	45
23	3	Pope Joan	7	16	4	43
24	G		7	18	4	41
25	5	*The Rich have Friends;*	7	20	4	39
26	6	*the Poor have not;*	7	21	4	38
27	7	*Hunger and Cold is*	7	22	4	37
28	8	*their hard Lot.*	7	24	4	35
29	9	*The Rich their* Heav'n	7	26	4	33
30	10	*while here on* Earth:	7	28	4	31
31	G	*The Poor not theirs till*	7	29	4	30
Nov. 1	12	*after Death.*	7	31	4	29
	13		7	32	4	27
3	14	Don Quevedo	7	34	4	25
4	15	Sancha Pancho	7	36	4	23
5	16	Guy Faux	7	37	4	22
6	17	*Now* Lawyers *do their*	7	38	4	21
7	G	*Purſes fill;*	7	40	4	19
8	19	*Contention brings*	7	42	4	18
9	20	*Griſt to their Mill:*	7	44	4	16
10	21	*When Men to* Law	7	45	4	15
11	22	*each other urge,*	7	46	4	14
12	23	*Their* Purſes *ſoon will*	7	48	4	12
13	24	*find a Purge.*	7	50	4	10
14	G	Tom Dingley	7	51	4	9
15	26	Dick Downton	7	52	4	8
16	27	Chriſtopher	7	53	4	7
17	28	Kendall's	7	54	4	6
18	29	Brawn	7	55	4	5
19	30	Arthur Bradley	7	56	4	4

the Opportunity of enriching one by whom he knows he is hated and deſpiſed. Theſe are the ordinary and common Evils which attend Keepers, and *Corinna* is a Wench but of common Size of Wickedneſs, were you to know what paſſes under the Roof where the fair *Meſſalina* reigns with her humble Adorer.

Meſſalina is the profeſſed Miſtreſs of Mankind; ſhe has left the Bed of her Huſband, and her beauteous Offspring, to give a Looſe to want of Shame and fulneſs of Deſire! Wretched *Noctturnus*, her feeble Keeper! How the poor Creature fribbles in his Gait, and ſkuttles from Place to Place to diſpatch his neceſſary Affairs in painful Day-light, that he may return to the conſtant Twilight preſerved in that Scene of Wantonneſs, *Meſſalina*'s Bed-chamber! How does he, while he is abſent from thence, conſider in his Imagination the Breadth of his Porter's Shoulders, the ſpruce Nightcap of his Valet, the ready Attendance of his Butler! All of whom he knows ſhe admits, and profeſſes to approve of. This, alas! is the

Galla

December hath XXXI Days. P. Rob.

M D	Decl. ☉ South.
1	21° 54′
6	22 34
11	23 4
16	23 22
21	23 29
26	23 24

Full Moon the 2d day, at 10 at night.
Last Quarter the 9th day, at half past 1, aftern.
New Moon the 17th day, at half past 3, morn.
First Quarter the 25th day, at 8 in the morning.

1	f	Elegius.	5	M	55
2	G	Advent Sunday	D	Rises	
3	a	Lucius.	4	A	51
4	b	Barbara	6		0
5	c	Sabine.	7		16
6	d	Nicol. Bishop.	8		33
7	e	Ambrose.	9		56
8	f	Concep. B.V.M	11		16
9	G	2 Sun. in Adv	Morn.		
10	a	Miltiades.	0		31
11	b	Damasus	1		46
12	c	Elfred.	2		59
13	d	Lucy, V. & M.	4		9
14	e	Nicliasius	5		16
15	f	Valerian	6		20
16	G	3 Sun. in Adv	7		16
17	a	O. & C. Ter. end	D	Sets	
18	b	Christopher	5		32
19	c	Ember Week	6		33
20	d	Julius.	7		37
21	e	St Tho. Apost.	8		39
22	f	Theodosius.	9		42
23	G	4 Sun. in Adv.	10		48
24	a	Victoria.	11		55
25	b	Christmas Day.	Morn.		
26	c	St Stephen.	1		2
27	d	S. John, Evang.	2		13
28	e	Innocents.	3		25
29	f	Jonathan.	4		36
30	G	1 S. aft. Christ.	5		46
31	a	Silvester, B.	6		49

This present year now weareth out;
How soon twelve months are gone about!
You've seen the days increase and waste,
Spring, summer, autumn, now are past,
So changeth man upon this stage,
Erst in his youth; anon in age:
Now young, then strong; in grief or mirth,
Now here; anon bury'd in earth!
Thrice happy they (tho' in this case)
Who grow in years, and thrive in grace!

But, now icicles hang on the walls;
And *Dirk* the shepherd blows his nails;
And *Tom* bears logs into the hall,
And milk comes frozen home in pails;
The blood is nipt, and roads are foul,
And nightly sings the staring owl

'Tu whit---tu whoo,
A merry note,
While greasy Joan
Doth keel the Pot!

Christmas is here, hang on the Pot,
Let spits turn round--ovens be hot:
Beef, pork, and mutton, now provide,
To feast thy neighbours at this tide;
And also veal, pig, goose, and coney,
And all good things that's bought for money,
And wash them down with wine & beer,
And so with mirth conclude the *year*!

1770. December's Observations.

M	D	Clock after ☉
	1	10′ 32″
	6	8 28
	11	6 14
	16	3 50
	21	1 20
	26	obſ. 11

The Earth looks old and barren; all is gone
That erſt was pleaſant for to look upon!
Return, fair *Phœbus*, from thy Southern Race,
And re-behold us with thy ſmiling Face!

20	1		Tommy Ruſts	7	57	4	3
21	G		Sweet Jenny	7	58	4	2
22		3		7	59	4	1
23		4	*A Cupboard Love is*	8	0	4	0
24		5	*ſeldom true,*	8	0	4	0
25		6	*A Love ſincere is*	8	1	3	59
26		7	*found in few:*	8	2	3	58
27		8	*But, 'tis high time*	8	3	3	57
28			*for Folks to marry,*	8	4	3	56
29		10	*When Women woo, leſt*	8	5	3	55
30		11	*things miſcarry.*	8	6	3	54
D				8	6	3	54
		13	Mun Prideaux	8	6	3	54
		14	Hickathrift	8	6	3	54
		15	Mother Ginn	8	7	3	53
	G		March Beer	8	7	3	53
		17	Old Hock	8	7	3	53
		18	Brandy Bottle	8	8	3	52
		19	Love in a Tub	8	8	3	52
		20	Slaughter'd Hogs	8	8	3	52
		21	Chriſtmas is come	8	8	3	52
		22	*A Glaſs of* Rum,	8	8	3	52
	G		*On Twenty-fifth*	8	8	3	52
		24	*For B—y* Swift,	8	7	3	53
		25	*And poor Sir* Robin	8	7	3	53
		26	*In Flask or Noggin,*	8	7	3	53
		27	*With Pipe and Glaſs*	8	6	3	54
		28	*And pretty Laſs,*	8	6	3	54
		29	*To taſte your Beer,*	8	5	3	55
	G		*Alſo good Cheer*	8	5	3	55
		31	*In this old Year.*	8	4	3	56

Gallantry; this the Freedom of our fine Gentlemen: For *this* they preſerve their Liberty, and keep clear of that Bugbear Marriage. But he does not underſtand either Vice or Virtue, who will not allow, that Life, without the Rules of Morality, is a wayward uneaſy Being, with Snatches only of Pleaſure; but, under the Regulation of Virtue, a reaſonable and uniform Habit of Enjoyment."

"O Marriage! happieſt, eaſieſt, ſafeſt State;
Let Debauchees and Drunkards ſcorn thy Rites,
Who, in their nauſeous Draughts & Luſts, profane
Both thee and Heaven by whom thou wert ordain'd,
How can the Savage call it Loſs of Freedom,
Thus to converſe with, thus to gaze at
A faithful, beauteous Friend?
Bluſh not, my fair One, that thy Love applauds thee,
Thou art by Law, by Intereſt, Paſſion mine;
Paſſion and Reaſon join in Love of thee."

A TABLE of TERMS and RETURNS, 1770.

Hilary-Term begins Jan. 23, ends Feb. 12.

Returns, or Eſſoign Days.		Ex.	Ret	Ap.	D. W.
In 8 days of St. Hilary — —	Jan. 20	21	22	23	Tueſd.
From the day of St. Hilary in 15 days —	27	28	29	30	Tueſd.
On the morrow of Purific. of the V. Mary, Feb.	3	4	5	6	Tueſd.
In 8 days of the Purification of the V. Mary	9	10	11	12	Mond

Eaſter-Term begins May 2, ends May 28.

From the day of Eaſter in 15 days —	April 29	30	M 1	2	Wedn.
From the day of Eaſter in 3 weeks —	May 6	7	8	9	Wedn.
From the day of Eaſter in 1 month — —	13	14	15	16	Wedn.
From the day of Eaſter in 5 weeks — —	20	21	22	23	Wedn.
On the morrow of the Aſcenſion — —	25	26	27	28	Mond.

Trinity-Term begins June 15, ends July 4.

On the morrow of the Holy Trinity —	June 11	12	13	15	Friday
[illegible] of the Holy Trinity — — —	17	18	19	20	Wedn.
[illegible] Holy Trinity in 15 days —	24	25	26	27	Wedn.
From [illegible] Holy Trinity in 3 weeks	July 1	2	3	4	Wedn.

Michaelmas begins Nov. 6, ends Nov. 28.

On the morrow of All S[illegible] —	Nov. 3	4	5	6	Tueſd.
On the morrow of St Martin — —	12	13	14	15	Thurſ.
In 8 days of St Martin — —	18	19	20	21	Wedn.
From the day of St Martin in 15 days ——	25	26	27	28	Wedn.

N. B. No Sittings in Weſtminſter-hall on Aſcenſion-day, Midſummer-day, nor the ſecond of February.

The Exchequer opens eight days before any Term begins, except Trinity, before which it opens but four days. — *Note*, That the firſt and laſt days of every Term, are the firſt and laſt days of Appearance.

He that with *Injury* is griev'd,
And goes to *Law* to be reliev'd,
Is ſillier than a ſottiſh *Chouſe*,
Who, when a Thief has robb'd his Houſe,
Applys himſelf to *Cunning-men*,
To help him to his Goods again:
When all he can expect to gain,
Is but to ſquander more in vain. HUDIBRAS.

POOR ROBIN, 1770.

AN EVERLASTING PROGNOSTICATION

For the Year of our LORD GOD

M.DCC.LXX.

SHEWING,

In the Firſt Place, an Inſpectional Table, whereby may be known, not only which Days in the Year are of nearly the ſame Length, but alſo the Length of every Day in the Year, as well as can be expected. Then a correct Table, ſhewing not only the Weight, but the Value alſo, of *Foreign* Pieces of GOLD in true *Engliſh* Money. Then, after that, by turning over *one* ſingle Leaf, you will find two more Tables; that on the *Left*, tells you the Riſing, Southing, and Setting of the *Seven Stars* for every Fifth Day in the Year; and that on the *Right* tells you what o' Clock it is at LONDON, when it is Noon at almoſt Forty *other Places*. After that follows two other Tables, one of which is for Buying or Selling by the *Great* Hundred; and the other, a Table of Expences or Wages. And then, by turning over the next Leaf, (don't be frighted) you'll ſee one of the *fouleſt Things* that was ever yet invented or contrived by Man; it is called the ANATOMY. After that follows a ſuccinct Account of the *Eclipſes*; then a *Jimcrack*; and after that, follows a Deſcription of *Poor Robin*'s Homeſtead: Nextly, *Part* of a Receipt to make a *real* Friendſhip; and then a Remark on the Ladies; and another on a QUEEN ANNE's *Guinea*. Then we proceed to *Sable Felicity* join'd to *Simplicity*: And laſt of all, a conciſe Account of all the Four Quarters of the Year: To which is added, the Concluſion.

Calculated (very artfully) for the extenſive Latitude and Longitude of the whole Kingdom of *Cuckoldom*; and may conſequently ſerve very well for any Town, County, City, Borough, Hamlet, or Village whatever.

Thus, Readers, for to give you ſtill Content,
I every Year on pleaſing *you* am bent:
And this I'll boaſt (if you will juſtify)
In my *Predictions* there is not *one* LYE!
And where is found that bold *Aſs-trologer*,
That of his *Writings* can this TRUTH aver?

LONDON:
Printed by T. PARKER, for the Company of STATIONERS.

The Generality of BAKERS being ſo extremely prone to Honeſty, that it is out of the Power of *Magiſtracy* to make them *more* ſo; POOR ROBIN chuſes to omit *their* old faſhioned TABLE, as he thinks it but of little Uſe: Inſtead whereof, for the Readers new-faſhioned Amuſement, gives him the following TABLE, ſhewing by Inſpection, not only which Days in the Year are of about the ſame Length; but alſo the Length of every Day in the Year; as near as he poſſibly can, *&c.*

Jan. Dec.	Feb. Nov.	Mar. Oct.	Apr. Sep.	May Aug.	June July
1 VII 10	1 9 9	4 6 9	4 8 8	5 4 8	5 22 8
2 53 9	2 12 8	5 10 8	5 12 7	6 6 7	6 24 7
3 55 8	3 16 7	6 14 7	6 16 6	7 10 6	7 24 6
4 57 7	4 20 6	7 18 6	7 20 5	8 13 5	8 25 5
5 59 6	5 24 5	8 22 5	8 24 4	9 16 4	9 26 4
6 VIII 5	6 27 4	9 26 4	9 28 3	10 19 3	10 26 3
7 2 4	7 30 3	10 30 3	10 32 2	11 22 2	11 27 2
8 4 3	8 34 2	11 34 2	11 36 1	12 24 1	12 27 1
9 6 2	9 38 1	12 38 1	12 Aug. 31	13 July 31	13 June 30
10 8 1	10 Oct. 31	13 Sept. 30	13 42 30	14 30 30	14 28 29
11 Nov. 30	11 44 30	14 46 29	14 46 29	15 34 29	15 29 28
12 12 29	12 48 29	15 50 28	15 50 28	16 36 28	16 30 27
13 14 28	13 52 28	16 53 27	16 54 27	17 40 27	17 31 26
14 16 27	14 56 27	17 55 26	17 58 26	18 43 26	18 32 25
15 18 26	15 X 26	18 57 25	18 XIV 25	19 46 25	19 33 24
16 20 25	16 4 25	19 59 24	19 6 24	20 48 24	20 34 23
17 22 24	17 8 24	20 XII 23	20 10 23	21 50 23	21 34 22
18 24 23	18 12 23	21 6 22	21 14 22	22 54 22	Long. Day
19 28 22	19 16 22	22 10 21	22 18 21	23 57 21	December
20 31 21	20 20 21	23 13 20	23 21 20	24 XVI 20	11 VII. 31
21 34 20	21 24 20	24 17 19	24 24 19	25 2 19	12 50 30
22 36 19	22 28 19	25 23 18	25 28 18	26 3 18	13 49 29
23 39 18	23 32 18	26 30 17	26 32 17	27 4 17	14 48 28
24 42 17	24 36 17	27 36 16	27 36 16	28 6 16	15 47 27
25 46 16	25 40 16	28 40 15	28 40 15	29 8 15	16 46 26
26 50 15	26 44 15	29 44 14	29 43 14	30 10 14	17 45 25
27 53 14	27 47 14	30 48 13	30 46 13	31 12 13	18 44 24
28 56 13	28 50 13	31 53 12	1 May 12	1 June 12	19 44 23
29 IX 12	1 Mar. 12	1 Apr. 11	2 54 11	2 16 11	20 44 22
30 3 11	2 58 11	2 XIII 10	3 56 10	3 18 10	Shorteſt
31 6 10	3 XI 10	3 4 9	4 XV 9	4 20 9	Days.

The Uſe of this TABLE is as plain as the *Noſe* on your Face, if you have but *Eyes*, and can count upwards as well as downwards; you may ſee as well as I, that *April* 15, and *Auguſt* 28, are *nearly* of the ſame Length, *viz.* XIII. Hours, and 50 Minutes long: And ſo of all the reſt.

Although it may be reasonably expected that *honest* POOR ROBIN IS NO *great* Dealer in *such* METAL; yet, he is in great Hopes that *all* his Honest Readers will sometimes have something to do with it, gives them the following Table, shewing the Value of *Foreign* Pieces of GOLD in true *English* Money.

Number of Pieces	Portugal £3 12	Pieces. £1 16	Moidores £1 7	Louis d'Or £1 4	Pistoles £0 16 6
1	£3 12	£1 16	£1 7	£1 4	£0 16 6
2	7 4	3 12	2 14	2 8	1 13 0
3	10 16	5 8	4 1	3 12	2 9 6
4	14 8	7 4	5 8	4 16	3 6 0
5	18 0	9 0	6 15	6 0	4 2 6
6	21 12	10 16	8 2	7 4	4 19 0
7	25 4	12 12	9 9	8 8	5 15 6
8	28 16	14 8	10 16	9 12	6 12 0
9	32 8	16 4	12 3	10 16	7 8 6
10	36 0	18 0	13 10	12 0	8 5 0
11	39 12	19 16	14 17	13 4	9 1 6
12	43 4	21 12	16 4	14 8	9 18 0
13	46 16	23 8	17 11	15 12	10 14 6
14	50 8	25 4	18 18	16 16	11 11 0
15	54 0	27 0	20 5	18 0	12 7 6
16	57 12	28 16	21 12	19 4	13 4 0
17	61 4	30 12	22 19	20 8	14 0 6
18	64 16	32 8	24 6	21 12	14 17 0
19	68 8	34 4	25 13	22 16	15 13 6
20	72 0	36 0	27 0	24 0	16 10 0
30	108 0	54 0	40 10	36 0	24 15 0
40	144 0	72 0	54 0	48 0	33 0 0
50	180 0	90 0	67 10	60 0	41 5 0
60	216 0	108 0	81 0	72 0	49 10 0
70	252 0	126 0	94 10	84 0	57 15 0
80	288 0	144 0	108 0	96 0	66 0 0
90	324 0	162 0	121 10	108 0	74 5 0
100	360 0	180 0	135 0	120 0	82 10 0
500	1800 0	900 0	675 0	600 0	412 10 0
1000	3600 0	1800 0	1350 0	1200 0	825 0 0

See! *Readers*! Look about ye! Here's Money enough to do a great deal of Mischief! But mind ye, lest it should do *any of you Harm* by taking *any of it too light*; Observe that a *Portugal* £3 12 0 should weigh 18dwt. 12gr. A fix and thirty Piece, 9dwt. 6gr. A Moidore 6dwt. 18gr. A Louis d'Or 6dwt. 6gr. And a Pistole 5dwt 8gr.

And (for Novelty's Sake) a TABLE of the Rising, Southing and Setting of the *Pleiades* or Seven Stars, to every fifth Day in the Year; whereby (if it be clear Weather) you may know the Hour of the Night, *very nearly*.

Months & Days	Rise h.	Rise m.	South h.	South m.	Sets h.	Sets m.
January 1	0	A.28	8	A.45	5	M 2
6	0	6	8	23	4	40
12	11	M39	7	56	4	13
17	11	17	7	34	3	51
22	10	56	7	13	3	30
27	10	35	6	52	3	9
February 1	10	15	6	32	2	49
6	9	55	6	12	2	29
12	9	31	5	48	2	5
17	9	12	5	29	1	46
22	8	52	5	9	1	26
27	8	34	4	51	1	8
March 1	8	15	4	32	12	A.49
6	7	56	4	14	12	30
12	7	45	4	2	12	19
17	7	27	3	54	12	1
22	7	7	3	24	11	41
27	6	49	3	6	11	23
April 1	6	31	2	48	11	5
6	6	13	2	30	10	47
12	5	51	2	8	10	25
17	5	33	1	54	10	7
22	5	14	1	31	9	48
27	4	55	1	12	9	16
May 1	4	37	0	54	9	11
6	4	17	0	34	8	51
12	3	58	0	15	8	32
17	3	38	11	M54	8	12
22	3	18	11	35	7	52
27	2	58	11	15	7	32
June 1	2	38	10	55	7	12
6	2	18	10	35	6	52
12	1	54	10	11	6	28
17	1	32	9	49	6	6
22	1	12	9	29	5	46
27	0	51	9	8	5	25

Month & Days	Rise h.	Rise m.	South h.	South m.	Sets h.	Sets m.
July 1	0	M30	8	M47	5	A. 4
6	0	10	8	27	4	44
12	11	A.49	8	6	4	23
17	11	29	7	46	4	3
22	11	9	7	26	3	43
27	10	49	7	6	3	23
August 1	10	30	6	47	3	4
6	10	10	6	27	2	44
12	9	48	6	5	2	21
17	9	29	5	46	2	2
22	9	10	5	27	1	44
27	8	52	5	5	1	26
September 1	8	34	4	51	1	8
6	8	16	4	33	0	50
12	7	54	4	11	0	28
17	7	36	3	53	0	10
22	7	18	3	35	11	M52
27	6	58	3	16	11	33
October 1	6	40	2	57	11	14
6	6	22	2	39	10	56
12	6	4	2	21	10	31
17	5	45	2	2	10	19
22	5	26	1	43	10	0
27	4	7	1	24	9	41
November 1	4	48	1	5	9	22
6	4	28	0	44	9	2
12	4	4	0	21	8	38
17	3	43	0	A. 1	8	17
22	3	23	11	40	7	57
27	3	1	11	18	7	35
December 1	2	40	10	57	7	14
6	2	18	10	35	6	52
12	1	56	10	13	6	30
17	1	34	9	51	6	8
22	1	12	9	29	5	46
27	0	50	9	7	5	24

A TABLE shewing the Latitudes and Longitudes of many remarkable Places; and *what o'Clock* it is at LONDON, when it is *Noon* at thoſe Places.

N. B. N. ſignifies North, and S. South Latitude; E. Eaſt, and W. Weſt Longitude, from LONDON: F. Forenoon, and A. Afternoon, *there*.

NOON, at	Latitude. ° ′			Longitude. ° ′		Time at *Lon.* H. M.	
Aberdeen	57	10	N.	1	45 W.	XII. 7	A.
Adrianople	42	00	N.	26	30 E.	X. 14	F.
Algiers	36	40	N.	3	20 E.	XI. 47	F.
Amſterdam	52	20	N.	4	30 E.	XI. 42	F.
Annapolis Royal	45	00	N.	64	00 W.	IV. 16	A.
Barcelona	41	20	N.	2	00 E.	XI. 52	F.
Berlin	52	33	N.	13	31 E.	XI. 6	F.
Boſton	42	24	N.	71	00 W.	IV. 44	A.
Briſtol	51	30	N.	2	40 W.	XII. 11	A.
Cadiz	36	31	N.	5	56 W.	XII. 24	A.
Cape of Good Hope	33	55	S.	18	35 E.	X. 46	F.
Copenhagen, *Denmark*	55	41	N.	12	50 E.	XI. 9	F.
Dantzick	54	22	N.	18	36 E.	X. 47	F.
Dublin	53	16	N.	6	25 W.	XII. 26	A.
Edinburgh	55	58	N	3	00 W.	XII. 12	A.
Geneva	46	12	N.	6	25 E.	XI. 34	F.
Hanover	52	32	N.	9	35 E.	XI. 22	F.
Helena St.	16	00	S.	6	00 W.	XII. 24	A.
Jeruſalem	31	50	N.	35	25 E.	IX. 38	F.
Liſbon	38	42	N.	9	25 W.	XII. 38	A.
LONDON	51	30	N.	0	00	XII.	NOON.
Louiſbourg	45	54	N.	59	55 W.	III. 50	A.
Madrid	40	25	N.	3	50 W.	XII. 15	A.
Mexico	20	00	N.	103	35 W.	VI. 54	A.
Moſcow	55	45	N.	37	51 E.	IX. 29	F.
Naples	40	51	N.	14	19 E.	XI. 3	F.
Oſnabrug	49	27	N.	7	40 E.	XI. 29	F.
Paris	48	50	N.	2	25 E.	XI. 50	F.
Port Royal, *Jamaica*	17	30	N.	77	00 W.	V. 8	A.
Quebec	46	55	N.	69	48 W.	IV. 39	A.
Rome	41	54	N.	12	30 E.	XI. 10	F.
Rotterdam	52	00	N.	4	20 E.	XI. 43	F.
Seville	37	15	N.	6	00 W.	XII. 24	A.
Stockholm	59	20	N.	19	25 E.	X. 42	F.
Syracuſe	37	25	N.	15	05 E.	XI. 00	F.
Turin	45	5	N.	7	45 E.	XI. 29	F.
Venice	45	25	N.	12	4 E.	XI. 12	F.
Vienna	48	13	N.	16	27 E.	X. 54	F.
Williamſburg	37	20	N.	76	30 W.	V. 6	A.
YORK	54	00	N.	0	50 W.	XII. 3	A.

A TABLE for Buying or Selling any Commodity by the Great Hundred, which is 112 Pounds.

d.q	£.	s.	d.	d. q	£.	s.	d.	d. q	£.	s.	d.	d. q.	£.	s.	d.
1	–	2	4	6 1	2	18	4	12 1	5	14	4	18 1	8	10	4
2	–	4	8	2	3	0	8	2	5	16	8	2	8	12	8
3	–	7	0	3	3	3	0	3	5	19	0	3	8	15	0
1 0	–	9	4	7 0	3	5	4	13 0	6	1	4	19 0	8	17	4
1	–	11	8	1	3	7	8	1	6	3	8	1	8	19	8
2	–	14	0	2	3	10	0	2	6	6	0	2	9	2	0
3	–	16	4	3	3	12	4	3	6	8	4	3	9	4	4
2 0	–	18	8	8 0	3	14	8	14 0	6	10	8	20 0	9	6	8
1	1	1	0	1	3	17	0	1	6	13	0	1	9	9	0
2	1	3	4	2	3	19	4	2	6	15	4	2	9	11	4
3	1	5	8	3	4	1	8	3	6	17	8	3	9	13	8
3 0	1	8	0	9 0	4	4	0	15 0	7	0	0	21 0	9	16	0
1	1	10	4	1	4	6	4	1	7	2	4	1	9	18	4
2	1	12	8	2	4	8	8	2	7	4	8	2	10	0	8
3	1	15	0	3	4	11	0	3	7	7	0	3	10	3	0
4 0	1	17	4	10 0	4	13	4	16 0	7	9	4	22 0	10	5	4
1	1	19	8	1	4	15	8	1	7	11	8	1	10	7	8
2	2	2	0	2	4	18	0	2	7	14	0	2	10	10	0
3	2	4	4	3	5	0	4	3	7	16	4	3	10	12	4
5 0	2	6	8	11 0	5	2	8	17 0	7	18	8	23 0	10	14	8
1	2	9	0	1	5	5	0	1	8	1	0	1	10	17	0
2	2	11	4	2	5	7	4	2	8	3	4	2	10	19	4
3	2	13	8	3	5	9	8	3	8	5	8	3	11	1	8
6 0	2	16	0	12 0	5	12	0	18 0	8	8	0	24 0	11	4	0

EXAMPLES.

At 3d. 2q. a pound, what is the price of the Great Hundred? Look in the Left-hand Column for 3d. 2q. and juſt againſt it in the very next Column towards the Right, you will find it to be 1l. 12s. 8d.

Again, Suppoſe a Pound of *North Clay* Hops to be ſold for 15d. 3q. What is the Price of an Hundred Weight? Look in the fifth Column for 15d. 3q. and over againſt it in the ſixth, you will find 7l. 7s. the Price of the Great Hundred Weight required.

Or, if you buy any Parcel of Goods or Merchandize at the Rate of 7l. 14s. the Hundred; and would know how much that is a Pound: Look in the ſixth Column above, and againſt it in the fifth Column to the Left, you will find 16d. 2q. the Price of one Pound, &c.

Note, For every Farthing that a ſingle Pound coſts, reckon 2s. 4d. for the Price of the Great Hundred.

A TABLE of *Expences* or *Wages*.

By the Day.		By the Week. l.	s.	d.	By the Month. l.	s.	d.	By the Year l.	s.	d.
Pence -	1	0	0	7	0	2	4	1	10	5
	2	0	1	2	0	4	8	3	0	10
	3	0	1	9	0	7	0	4	11	3
	4	0	2	4	0	9	4	6	1	8
	5	0	2	11	0	11	8	7	12	1
	6	0	3	6	0	14	0	9	2	6
	7	0	4	1	0	16	4	10	12	11
	8	0	4	8	0	18	8	12	3	4
	9	0	5	3	1	1	0	13	13	9
	10	0	5	10	1	3	4	15	4	2
	11	0	6	5	1	5	8	16	14	7
Shillings		-	-	-	5	-	-	-	-	-
	1	0	7	0	1	8	0	18	5	0
	2	0	14	0	2	16	0	36	10	0
	3	1	1	0	4	4	0	54	15	0
	4	1	8	0	5	12	0	73	0	0
	5	1	15	0	7	0	0	91	5	0
	6	2	2	0	8	8	0	109	10	0
	7	2	9	0	9	16	0	127	15	0
	8	2	16	0	11	4	0	146	0	0
	9	3	3	0	12	12	0	164	5	0
	10	3	10	0	14	0	0	182	10	0
	11	3	17	0	15	8	0	200	15	0
	12	4	4	0	16	16	0	219	0	0
	13	4	11	0	18	4	0	237	5	0
	14	4	18	0	19	12	0	255	10	0
	15	5	5	0	21	0	0	273	15	0
	16	5	12	0	22	8	0	292	0	0
	17	5	19	0	23	16	0	310	5	0
	18	6	6	0	25	4	0	328	10	0
	19	6	13	0	26	12	0	346	15	0
	20	7	0	0	28	0	0	365	0	0

READER, by this ſmall *Table* thou may'ſt count
How *little* Sums in Time to great amount;
A Penny *daily* very ſmall appears,
But's more than *thirty* Pounds in *twenty* Years:
A Groat a Day is but a ſmall Expence,
Yet makes i'th' *Year* ſix *Pounds* and *twenty Pence*
Then neither *Time* nor *Coin* profuſely waſte,
Leſt thou repent before this Year be paſt.

A Circle truly repreſents the Sphere,
And in that Form Man's Body doth appear,
But whether firſt ſo made or twiſted ſo,
By old *Aſs-trologers* we do not know:
But had themſelves been in this Poſture put,
Their Backs would ach, e're Head did meet the Foot.

The ANATOMY.

Firſt comes the *Ram*, that *Head* and *Face* doth rule,
And after follows *Taurus* or the *Bull*,
Which claims the *Neck*; the *Twins* amongſt the reſt
Command the *Arms*; and *Cancer* rules the *Breaſt*;
Leo the Lion rules the *Back* and *Heart*;
The *Virgin* loves the *Belly* for her Part;
While *Libra Reins* and *Loins* doth undertake;
And *Scorpio* doth his own the *Secrets* make;
The *Half-horſe Bow-man* claims the *Hips and Thighs*;
And *Capricorn* the feeble *Knees* ſupplies;
The wandering Legs muſt to *Aquarius* truſt;
The *Feet* to *Piſces*, there's a *Dozen* juſt:
But, if you would have more, then count again,
And, if you do for ever, 'tis the ſame,
Then as it is, we let it ſo remain.

Of

Of the ECLIPSES this Year, 1770.

THIS Year will not be much darkened with Eclipſes, for there will be never a one of the *Moon*, and only two of the *Sun*, neither of which will be viſible in *Europe*: However, as they will be very conſpicuous elſewhere, take the following Account of their Appearances.

The firſt then will happen on the 25th of *May*, about half an Hour paſt One in the Morning, and will be Central and Total in *China*, in the Bay of *Nankin*, *St. Thomas*'s Iſland, and the great *South Sea*.

The Second will be on the 17th of *November*, ten Minutes after Ten in the Morning, but by reaſon of the *Moon*'s South Latitude, will not be viſible here; but the *Moon*'s Diameter being leſs than the *Sun*'s, it will be a beautiful annular Eclipſe in the *Ethiopic* Ocean, to the North of *St. Helena*, the Country of the *Hottentots*, to the North of the *Cape of Good Hope*, and in the *Eaſtern Ocean*, in Lat. 26 deg. South, and Long. 47 deg. E. from LONDON.

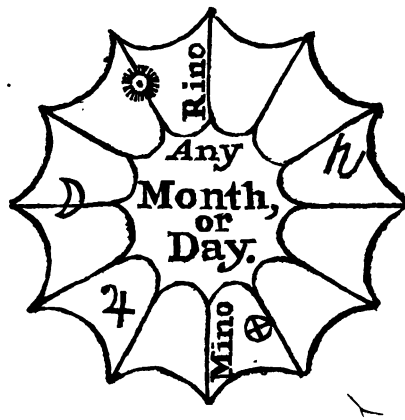
Theſe *Eclipſes* are not likely to affect *us* ſo much as thoſe many and vaſtly extended Countries where they happen to be *viſible*, whoſe various Inhabitants are generally a dull, ſavage, and ſwarthy Kind of People; among whom a great many remarkable Cuſtoms prevail, (almoſt as ridiculous as *judicial Aſtrology* itſelf). To inſtance only a few: It is reported of the Emperor of *Monomotapa*, that whenever he drinks in public, the whole Court jointly put up their Prayers in his Behalf, and that with a very loud Voice; which being heard in the Neighbourhood, all Perſons there living are bound to do the ſame; as likewiſe others hearing them, and ſo on; whereby the whole City or County adjacent is always ſenſible when the Emperor takes his Glaſs —In the Kingdom of *Loango* are many Canibals, and in ſeveral Places it is as uſual to ſell human Fleſh publickly in the Shambles, as other Nations do commonly Beef and Mutton. In the ſame Kingdom it is eſtabliſhed by an antient Cuſtom, that whenever a Father deceaſeth, his Goods belong not to the Children, but to his own Brothers or Siſters, who are bound to take Care of ſuch of the little ones, as they think are not able to take Care for themſelves. To add no more, we read alſo of another

other Cuſtom yet more uncouth, among a certain People inhabiting the *Cafres*, which is, whenever a Father deceaſeth, the Children, both old and young, are obliged to loſe the little Finger of their Left Hand, and to bury it with him; for deferring the Performance of which painful Duty, they are commonly very tender of their Parents Health, and take all Care imaginable to prolong his Life; which was probably the original Cauſe of ſo ſtrange a Practice.—But of all the Inhabitants of theſe various Countries, there are none more obſervable for their Manner of living, than a certain People near unto, and upon the *Cape*, and called commonly by the Name of *Hottentots*. They are ſo termed from a frequent Repetition of that, or ſuch like Word; and are juſtly reckoned the moſt naſty, and brutiſh of all reaſonable Creatures, having nothing, ſave the Shape of a Man, that can lay claim to that noble Character. They live without any Sign of Religion, being deſtitute of both Prieſt and Temple; and never ſhew any Token of Devotion, except we reckon their dancing at the Full and New Moon for ſuch. Their Bodies are uſually beſmeared with common Greaſe, or ſome worſe ſtinking Stuff, which occaſions a very loathſome Smell; their ordinary Habit is a Sheep's Skin, juſt as it is pulled off from the Carcaſe; and they uſe, as Ornaments, the Guts, *cum puris naturalibus*, wrapped about their Legs and Arms two or three Inches deep, on which they frequently feed, when ſcarce of better Proviſions.—Notwithſtanding the unparallel'd Naſtineſs of *theſe* People, yet ſome Travellers talk of a certain *inland Canibal* Nation, termed *Cobonas*, who make frequent Incurſions into their neighbouring Countries, and ſpare none they can catch; no, not even the ſwiniſh *Hottentots* themſelves! who, one would think, ſhould make but a very nauſeous and unſavoury Dinner!

And now my good and gentle, courteous Reader, having told thee of the Eclipſes, and what Sort of People they are who are ſituate the beſt on this Globe for ſeeing them, *&c.* I know (by the Stars) that thou art in Expectation of ſomething more for thy Money: Well, I will do my beſt Endeavour to oblige thee; not only that thou mayeſt not repent laying out this *Nine-pence*, but alſo that thou mayeſt be ready and willing to beſtow another *Nine-pence* on the ſame Account, every Year ſo long as thou ſhalt live.—Then to proceed, I

must

muſt give thee a *Scheme*, becauſe an Almanack without one, would be like a Gentleman without Money, a pretty Wench without a Sweetheart, an Alehouſe with the *Devil's Thumb* at the Door, a Woman *ſans* a Tongue, a Tree without Leaves or Fruit, a Houſe without a Tenant, or a Shadow without a Body, *&c.* Then here it is, ſerving for ALL TIMES, paſt, preſent, and to come; and for ALL CASES enquired after, whether Nativities, loſt *Maidenheads*, Sweethearts, ſtolen Goods, Weather, Life and Death, *&c.*



This, Reader, is all the Deſcription I ſhall give thee of the twelve cœleſtial Houſes, or their wandering Inhabitants, or what they are doing this Year: And as very few of *Poor Robin*'s Readers know who he is, neither where, nor how he lives; for their further Satisfaction on that Account, I'll venture to give the Deſcription of *my own* Habitation.

Know ye then, my beloved Readers and Cuſtomers, that at this very Time I live in a poor, little, ſorry Houſe of Mud or Clay, the Timber, or chief Support whereof, is much gone to Decay, by reaſon of Age, and very good Judges give their Opinion, that it cannot be repaired, chiefly owing to ſome Damages formerly received by taking in *too much Wet*: But, be that as it will, it ſtands upon the Waſte, as other Cot-

Cottages do; and what is ſtill worſe, I am liable to be turned out at a Minute's Warning. It is a Sort of a Copyhold Tenure: The Cuſtom, as now ordered by the Lord of the Manor, is this, and to which I have hitherto readily conformed: For the firſt thirty-five Years of my Life I paid no Rent, but only did Suit and Service, and attend the Court occaſionally; for twenty Years after that I have paid a Roſe every Year; and after that, for the Reſt, Reſidue, and Remainder of my mortal Life, the Cuſtom of the Manor (which you'll ſay is a whimſical Kind of Acknowledgment) is to demand a Tooth every two or three Years, or oftener if required; but (Thanks to the good Lord of the Manor) I have not yet been called upon for ſuch Acknowledgment, how ſoon I may I know not; however, this I do know; that when I have nothing left to pay with, OUT muſt be the Word! and it will not be long before my Perſon be ſeized.

I might have had my Tenement (ſuch an one as it is) upon much better Terms, had it not been for a Fault in my Great Grandfather and his Wife, together with the ill Advice of a bad Neighbour, who were all three concerned in robbing of an Orchard belonging to the Lord of the Manor, whereby they forfeited their grand Privilege, to my Sorrow, I am very ſure: But, however, I muſt do as well as I can, and endeavour to keep Things in as good Repair as poſſible.

My Kitchen, or the Place where I dreſs my Victuals, is a very comical, little, roundiſh Sort of a Room, ſomewhat reſembling an Oven; it well anſwers the Buſineſs it was deſigned for, and that's enough.

My Garrets, or Cocklofts, are indeed but very indifferently furniſhed; but thoſe are Rooms which very few regard now-a-days, unleſs it be to lay *Lumber* in. However, I make a Shift to rub on in my little Way; and when Rent-day comes, I muſt ſee and diſcharge as well as I can.

Whenever I ſhall be turned *out*, I underſtand my Lodge (or whatever elſe you pleaſe to call it) deſcends upon a low-ſpirited creeping Family, remarkable for nothing but being inſtrumental in advancing the Reputation of the great *Moor* in *Ab Church-Lane*. But, be that as it will, I have one ſnug Apartment, which I reſerve for choice Friends; it lies on the Left-ſide of my Houſe: It is ſpacious, but very warm; and there any honeſt ſincere Man will always be a welcome Gueſt, and may depend upon having a Lodge, ſo long as the Edifice ſhall remain in the Tenure and Occupation of *Poor Robin*.

I envy not the Proud their Wealth, their Equipage and State,
Give me but Innocence and Health, I aſk not to be Great.
Tumultuous Days and reſtleſs Nights Ambition ever knows,
A Stranger to the calm Delights of Study and Repoſe.
Then free from Envy, Care, and Strife, permit me, Heav'nly Pow'rs,
To paſs a pure, unblemiſh'd Life, and crown with Peace my Hours!

Old Poor Robin, 1770.

A RECEIPT to compoſe a true, real, and laſting *Friendſhip*.

Friendſhip *is more than* Love: *For 'tis a Rule,*
He cannot be a Friend *who is a* Fool.

FRIENDSHIP is a Compoſition of Extracts from ſeveral rare Simples, which, when ſkil'fully choſen, and properly prepared, makes an ineſtimable and uncommon, but moſt precious Conſerve. It was in uſe in the Days of *Adam*, and has been of incredible Service to his unhappy Deſcendants, who have always experienced it to be a *Catholicon* for all their Diſorders (thoſe of the Mind eſpecially) the diſaſtrous Effects of his Surfeit, raſhly eating of a dangerous Fruit, when over-heated with Paſſion and Prejudice.

It may be taken in Form of a Draught, being of the higheſt Cordial Nature, yet having in it ſeveral Ingredients which are cooling; and both ſo compounded as to correct and aſſiſt each other.

It is ſo agreeable to the Nature of Man, that by exciting a regular Circulation of Thought and of Spirits, it prevents both Stagnation and violent Motion, reducing every Faculty to its proper Tone; and by diffuſing itſelf thro' the whole Conſtitution, ſettles it in a State of Perfection! Nor is it only a Reſtorative in theſe, but Ten Thouſand other Caſes, to Mankind.

It is alſo ſuch an excellent Purgative, that perhaps there never was *Cathartic* ſo ſafe and effectual as this, in all the dreadful Variety of Diſorders which ariſe in a *low Fever*. This immortal *Panacea* was firſt diſcovered by the Inhabitants of *Eden*, which delightful Situation the Plants and Herbs are drawn from, and where known to flouriſh, having been tranſplanted thither from their native Soil in the coeleſtial Regions, for the Benefit of that new Colony; from whence they have been carried into almoſt every Nation, and in temperate Climates, with proper Care, have been brought to tolerable Perfection; but ever ſince that unhappy Malediction on the Ground, they have ſadly degenerated; the Soil, for want of being properly manured and cultivated, having not only brought forth *Thorns*, to the Prejudice of their Growth, but alſo innumerable poiſonous Plants, baleful as *Nightſhade*, *Armito*, or *Hemlock*.

[*To be Continued.*]

A REMARK *on the* LADIES.

Have you never ſeen a Net, hanging at your Kitchen door,
Stuff'd with dirty Straw, beſet with old Skewers o'er and o'er?
If ye have, it Wonder breeds ye from thence ſhou'd ſteal a Faſhion,
And ſhou'd heap your lowly Heads ſuch a deal of filthy Traſh on.
True, your Treſſes wreath'd with Art (*Bards* have ſaid it ten Times over)
Form a Net to catch the Heart of the moſt, *unfeeling* Lover.
But thus robb'd of half your Beauty, whom can ye induce to ſigh?
Or incline for Love to ſuit ye, by his *Nose*, or by his *Eye*?
When he views (what I'd ſcarce credit, of a Sex ſo ſweet and clean,
But that from a Wench I had it, of all *Abigails* the Queen)
When he views your Treſſes thin, tortur'd by ſome *French Friſſeur*;
Horſe-hair, Hemp, and Wool within, garniſh'd with a Diamond Skewer!
When he ſcents the mingled Steam, which your plaiſter'd Heads are rich in,
Lard and Meal, and clouted Cream: Can he love a Walking-Kitchen?

On

Very Poor Robin, 1770.

On a QUEEN ANNE's GUINEA.

When *Rome*'s brave Sons ſome god-like Deed had done,
Some Law enacted, or ſome Conqueſt won;
The glorious Good ſome ſculptur'd Medal told,
And the ſtern Patriot triumph'd all in Gold!
Great ANNA, worthy of a *Roman* Name,
Her Acts as noble, and as bright her Fame!
Looks with neat modeſt Majeſty enſhrin'd,
In this contracted narrow Orb confin'd:
Not here deſcrib'd, what Volumes ſcarce expreſs,
Godolphin's Schemes, and *Marlb'ro*'s vaſt Succeſs!
But tho' no *Laurel* on the GOLD be found,
No ſavage Brow with ample Foilage crown'd;
No drooping Captives, and no Field of War,
No long Proceſſion in triumphant Car:
Tho' *Eugene*'s Story is not ſculptur'd here,
Nor *Gallia* falling by *Britannia*'s Spear:
I'd rather *Anna* than a *Cæſar* ſee,
The Coin that's *current* is the Coin for me.

Sable FELICITY — — — — *Tack'd to* SIMPLICITY.

A *Chimney-ſweeper* and his *Fair*,
The ſooty Partner of his Care,
(For *Fair*'s a Term we common find,
For *Black*, or *Brown*, and all that's kind)
Indulging in their homely Cheer
Of Bread, and Cheeſe, and good Strong Beer;
For then Good-nature might afford
A foaming Pot to grace the Board;
With mutual Wiſh, and anxious Joy,
Gaz'd on their *only Hope*—a Boy:
When the fond Dame, whom Fancy led
To faſhion Caſtles in her Head,
Buſs'd with a Smack her *nown gude Man*,
Then took a Draught—and thus began:
" Sure *Tom* is vaſtly grown (my Dear)
" Come hither Child—I ſay come here,
" Hold up your Head—Ah—He's not made
" For ſuch a vaſt laborious Trade;
" He has not Strength to buſtle thro',
" Nor writhe his Body like a Screw:
" *Laird!* he has *Genius* far above
" What you and I have been (my Love)
" Some gentler Trade were not amiſs;
" Go *Child*, go—give *Papa* a Kiſs."
Then looking kind at one another,
Sweep firſt kiſs'd *Tom*, and after Mother:
" Why, Dame, quoth he, why all this Fuſs?
" This Boy, our *Tom*, is all to us:
" And ha'n't I toil'd from Year to Year,
" But for *his* Sake, and *thine*, my Dear:

" And

" And ſhall not *Tom* then make a Figure
" As big as *Father* does?—Ay, bigger;
" For, Z—ns! it never ſhall be ſaid
" That *Grim*'s own Boy was baſely bred;
" While Neighbour *Scrape* puts out his Fool
" To learn his Book at Grammar-School.
" Come hither *Boy*—look up—be bold!
" Ay—there it is—my Heart of Gold!
" Thou ſhalt compleat thy Father's Joy,
" And be a *Bricklayer*, my Boy."
Thus ev'ry Parent ſtill purſues
Ambition in his Children's Views;
Would have his *Heir* be ſomething more
Than what his Father was before:
The *Bailiff* makes his Son a *Proctor*,
Th' *Apothecary* his a *Doctor*:
And Huſband ever joins with Wife,
That *Tom* ſhould ſhine in future Life.

But now it is Time to ſay ſomething concerning the Four *Quarters* of this Year.

And Firſt, of the Spring Quarter, which, agreeable to the Calculations of able Aſtronomers, begins about the Time when the Winter Quarter ends, and is likely to be the moſt temperate Quarter of all the Four; now the Earth will be adorned with various Flowers, and enriched with the Treaſures of Nature, reſembling the Poets *Elyſium*; Cocknies, with their Mates, will be walking abroad to hear the merry *Cuckow*; while rural Lovers ſpend their Evenings under the Covert of lonely Shades and pleaſant Groves.

The naked Trees get leafy Heads,
And beaut'ous Coats adorn the Meads;
Which now in blooming Glory riſe,
Tho' late bound faſt in Chains of Ice.

The Summer Quarter follows the Spring as cloſe as the Spring followed the Winter; and tho' it formerly (according to the Accounts of old Aſtrologers) uſed to begin about the 11th Day of *June*, it is now put off till about the 21ſt or 22d, (there, or thereabouts) we will not ſtand for a Day or two; for be that as it will, the 24th is ſure to be *Midſummer-Day*; and as this Quarter is ſaid to *begin* ſo very near the *Middle*, it will ſcarcely be thought to be a very long one, eſpecially if the *Middle* be as near the *latter End* of it as it was to the *Beginning*, &c.

When glorious Sol *mounts on the* Lion's *Back,*
And makes the parched Earth *in Furrows crack;*
And Dick *the Ploughman thinks himſelf well paid*
With now and then a Kiſs o'th' Dairy-Maid.

The

The Autumnal Quarter begins juſt where the *Summer* ends; that is, when Don *Phœbus* juſt enters the Equinoctial Sign called *Libra*, which *Rhadamanthus* will needs have to be a Pair of heavenly Scales, to weigh the Conſciences of Uſurers, and the Maidenheads of old Bawds, *&c.* However, this Quarter fills the Farmer's Barns with Wheat, and alſo ſends him a ſowing more for the next Year: It alſo produces Plenty of Hazle nuts and raw Cyder; one to ſpoil the Teeth, and the other to cauſe the Belly-ach.—Some married Men will be *boggiſh* to their Wives; and (I fear) many Women will behave *ſowiſh* to their own Husbands, *&c.*

The Winter Quarter, ſay or do what you can or will, is ſure to come at laſt. This is is likely to be a cold, raw, dirty, dithering Quarter; nay verily, it contracts and ſhrivels old *Poor Robin*'s red Noſe to ſuch a lamentable Degree, that if he did not uſe *Temple Spectacles*, none elſe would hang on it; and as he can neithe read, write, nor indite without them, makes him poſtpone his Lucubrations till the Spring, that warm Weather may help to fill up the Cracks and Crannies occaſioned therein by old Age and Infirmities.

Now Strawberries and Cherries are as ſcarce as Guineas in the Pockets of moſt *Poets*, as well as in *Poor Robin*'s: However, I ſhall endeavour to make myſelf as eaſy as poſſible under my Afflictions.

So here I intend to make a full End
Of what I've to tell thee this Year:
Then kind Reader farewell; but yet let me tell
Thou ſhalt ſee me again, never fear.

F I N I S.

THE

English APOLLO;

OR,

Useful COMPANION:

Assisting

All Persons in the Right Understanding the Science of TIME, Past, Present, and to Come.

Particularly applied to this Present YEAR

1770.

Being the Second after *Bissextile*, or *Leap-Year*.

Containing a Compleat *English* Kalendar, the Times of the Sun's Rising and Setting, the Rising and Setting of the Moon, Planets, and Fixed Stars, The Moon's Southing, and Time of Full Sea at all the Principal Ports in *England*, and other Parts of *Europe*. The Increase and Decrease of Days. The Regulation of Clocks and Watches. And other Things Necessary in a Work of this Nature.

To which is added,

An exact Account of the Eclipses, and various Seasons of the Year: A curious Chronology from the Beginning of Time: Some necessary Tables; And other Particulars both *Useful* and *Entertaining*.

By *RICHARD SAUNDERS*, GENT.

LONDON: Printed for the COMPANY of STATIONERS. 1770.

Price [Stitch'd] ~~Nine-Pence~~.

Terms, and their Returns for 1770.

Hilary Term Begins *Jan.* 23	Ends *Feb.* 12				
Returns or Eſſoign-days.		Exc.	Reta	Ap	W. da
In eight days of St. *Hilary*,	*Jan.* 20	21	22	23	Tueſd
From the day of St. *Hilary* in 15 days,	27	28	29	30	Tueſd
On the mor. of Purif. of bleſſ. *Mary*	*Feb.* 3	4	5	6	Tueſd
In 8 days of Purif. of bleſſ. *Mary*	9	10	11	12	Mond.

Eaſter Term Begins *May* 2,	Ends *May* 28.				
From the day of Eaſter in 15 days	*April* 29	30	*M.*1	2	Wedn
From the day of Eaſter in 3 weeks	*M.*y 6	7	8	9	Wedn
From the day of Eaſter in 1 month	13	14	15	16	Wedn
From the day of Eaſter in 5 weeks	20	21	22	23	Wedn
On the morrow of the Aſcenſion	25	26	27	28	Mond

Trinity Term Begins *June* 15,	Ends *July* 4				
On the morrow of the holy Trin.	*June* 11	12	13	15	Frida
In eight days of the holy Trinity	17	18	19	20	Wedn
From the day of holy Trin. in 15 days	24	25	26	27	Wedn
From the day of holy Trin. in 3 weeks	*July* 1	2	3	4	Wedn

Michaelmas Term Begins *Nov.* 6.	Ends *Nov.* 28.				
On the morrow of All Souls	*Nov.* 3	4	5	6	Tueſd.
On the morrow of St. *Martin*,	12	13	14	15	Thurſ.
In eight days of St. *Martin*,	18	19	20	21	Wedn.
From the day of St. *Martin* in 15 days,	25	26	27	28	Wedn

N. B. No Sittings in *Weſtminſter-Hall* upon Aſcenſion-day, Midſummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term, except *Trinity*, before which it opens only four Days.

Note, That the firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance.

Common Notes and Moveable Feaſts, 1770.

Golden Number	4	Rogation-Sunday	*May* 2
Epact	3	Aſcenſion-Day	*May* 2
Dominical Letter	G	White-Sunday	*June* 3
Cycle of the Sun	15	Trinity-Sunday	*June* 10
Shrove-Sunday	*Feb.* 25	Advent-Sunday	*Dec.*
Eaſter-Sunday	*April* 15		

A TABLE of the KINGS and QUEENS of *England* since the Conqueſt.

Names of KINGS.	*Born* Ann.	*When Began to reign.*	Reign. Y.	M.	*Since their Reign ended.*	*Where Buried*
William 1	1029	1066, Octob. 14	20	11	1083, Septem. 9	Caen Nor.
William 2	1056	1087, Sept. 9	12	11	1670, Auguſt 2	Wincheſt.
Henry 1	1068	1100, Aug. 2	35	4	1635, Decemb. 1	Reading
Stephen	1105	1135, Dec. 1	18	11	1616, Octob. 25	Feverſham
The *Saxon* Line reſtor'd.						
Henry 2	1132	1154, Octo. 25	35	9	1581, July 6	Fountevr.
Richard 1	1155	1189, July 6	9	9	1571, April 6	Fontevr.
John	1165	1199, April 6	17	6	1554, Octob. 19	Worceſte
Henry 3	1207	1216, Octo. 19	56	1	1498, Nov. 16	Weſtmin.
Edward 1	1239	1272, Nov. 16	34	8	1403, July 7	Weſtmin.
Edward 2	1283	1307, July 7	19	7	1443, Jan. 25	Glouceſter
Edward 3	1312	1326, Jan. 25	51	5	1394, June 21	Weſtmin.
Richard 2	1366	1377, June 21	22	8	1371, Sept. 29	Weſtmin
The Line of *Lancaſter*.						
Henry 4	1367	1399, Sept. 29	13	6	357, March 20	Canterb.
Henry 5	1388	1413, Mar. 20	9	5	348, Auguſt 31	Weſtmin
Henry 6	1421	1422, Aug. 31	38	6	309, March 4	Windſor.
The Line of *York*.						
Edward 4	1442	1461, Mar. 4	25	1	287, April 9	Wincheſt.
Edward 5	1471	1483, April 9	0	0	1287, June 18	Not know
Richard 3	1448	1483, June 18	2	2	1285, Auguſt 22	Leiceſter
The Families United.						
Henry 7	1455	1485, Aug. 22	23	6	261, April 22	Weſtmin.
Henry 8	1491	1509, April 22	37	10	223, Jan. 28	Windſor
Edward 6	1537	1547, Jan. 28	6	5	217, July 6	Weſtmin.
Qu. Mary	1518	1553, July 6	5	4	212, Nov. 17	Weſtmin.
Qu. Eliz.	1533	1558, Nov. 17	44	4	167, March 24	Weſtmin.
The Two Kingdoms in the ſame Line.						
James 1	1566	1603, Mar. 24	22	0	145, March 27	Weſtmin
Charles 1	1600	1625, Mar. 27	23	10	121, Januar. 30	Windſor
Charles 2	1630	1649, Jan. 30	36	0	85, Februar. 6	Weſtmin
James 2	1633	1685, Feb. 6	4	0	81, Februa. 13	S. Germa.
Wil. & M	1650	1689, Feb. 13	13	1	68, March 8	Weſtmin.
Qu. Anne	1665	1702, Mar. 8	12	5	56, Auguſt 1	Weſtmin.
George 1	1660	1714, Aug. 1	12	10	43 June 11	Hanover
George 2	1683	1727, June 11	33	5	10, Octob. 25	Weſtmin.
George 3	1738	1760, Octo. 25	whom GOD long Proſper.			

You here may ſee a Race of Monarchs Great,
And in what Time each took the Royal Seat:
GOD ſet them up, the Subjects did them Crown,
The greateſt Rebel dares not pull them down:
If ſome were Bad, who durſt them Tyrants call?
Since Good, or Bad, they're GOD's Vicegerents all.

TABLE of Simple Interest, at 5 *l.* per Cent

Principal Sum.	a Week			a Month			2 Months			3 Months			6 Months			a Year		
	s.	*p.*	*f.*	*s.*	*p.*	*f.*	*s.*	*p.*	*f.*	*s.*	*p.*	*f.*	*s.*	*p.*	*f.*	*s*	*p.*	
Shill. 5	0	0	0	0	0	1	0	0	2	0	0	3	0	1	2	0	3	
10	0	0	0	0	0	2	0	1	0	0	1	2	0	3	0	0	6	
15	0	0	0	0	0	3	0	1	2	0	2	1	0	4	2	0	9	
Pounds. 1	0	0	1	0	1	0	0	2	0	0	3	0	0	6	0	1	0	
2	0	0	2	0	2	0	0	4	0	0	6	0	1	0	0	2	0	
3	0	0	3	0	3	0	0	6	0	0	9	0	1	6	0	3	0	
4	0	1	0	0	4	0	0	8	0	1	0	0	2	0	0	4	0	
5	0	1	1	0	5	0	0	10	0	1	3	0	2	6	0	5	0	
6	0	1	2	0	6	0	1	0	0	1	6	0	3	0	0	6	0	
7	0	1	3	0	7	0	1	2	0	1	9	0	3	6	0	7	0	
8	0	2	0	0	8	0	1	4	0	2	0	0	4	0	0	8	0	
9	0	2	1	0	9	0	1	6	0	2	3	0	4	6	0	9	0	

	s.	*p.*	*f.*	*po.*	*s.*	*p.*	*po.*	*s*	*p*	*po.*	*s.*	*p.*	*po.*	*s.*	*p.*	*po.*	*s.*
Tens of Pounds. 10	0	2	2	0	0	10	0	1	8	0	2	6	0	5	0	0	10
20	0	5	0	0	1	8	0	3	4	0	5	0	0	10	0	1	0
30	0	7	2	0	2	6	0	5	0	0	7	6	0	15	0	1	10
40	0	10	0	0	3	4	0	6	8	0	10	0	1	0	0	2	0
50	1	0	2	0	4	2	0	8	4	0	12	6	1	5	0	2	10
60	1	3	0	0	5	0	0	10	0	0	15	0	1	10	0	3	0
70	1	5	2	0	5	10	0	11	8	0	17	6	1	15	0	3	10
80	1	8	0	0	6	8	0	13	4	1	0	0	2	0	0	4	0
90	1	10	2	0	7	6	0	15	0	1	2	6	2	5	0	4	10
Hun. of Pou. 100	2	1	0	0	8	4	0	16	8	1	5	0	2	10	0	5	0
200	4	2	0	0	16	8	1	13	4	2	10	0	5	0	0	10	0
300	6	3	0	1	5	0	2	10	0	3	15	0	7	10	0	15	0
400	8	4	0	1	13	4	3	6	8	5	0	0	10	0	0	20	0
500	10	5	0	2	1	8	4	3	4	6	5	0	12	10	0	25	0
1000	20	10	0	4	3	4	8	6	8	12	10	0	25	0	0	50	0

To find the Interest of 747 Pounds 10 Shillings, for a Year, Three Months, and One Week.

		1 Year	3 Months.	1 Week.	For the Year.	*l.*	*s.*	*d.*	*q.*
Po.	700	35 0 0	8 15 0	0 14 7		37	7	6	0
	40	2 0 0	0 10 0	0 0 10					
Sh.	7	0 7 0	0 1 9	0 0 1	3 Months.	9	6	10	2
	10	0 0 6	0 0 1	2 0 0 0	1 Week.	0	15	6	1
		37 7 6	9 6 10	2 0 15 0	Total.	47	9	11	1

By this Operation you will see the Interest of 747 *l.* 10 *s.* for 1 Year, 3 Months, and 1 Week, comes to 47 *l.* 9 *s.* 11 *d.* 1 *q.* In the like manner you must work for any other Sum.

A TABLE, Shewing the Value of any Number of Pieces of Foreign Gold, in Engliſh Pounds, Shillings, and Pence.

N°. of Pieces.	Portugal 31. 12s.	Pieces, 1 l. 16s.	Moidores 1 l. 7 s.	Luis d'Ors 1 l. 4 s.	Piſtoles 16 s. 6 d.
2	7 4	3 12	2 14	2 8	1 13
3	10 16	5 8	4 1	3 12	2 9
4	14 8	7 4	5 8	4 16	3 6
5	18 0	9 0	6 15	6 0	4 2
6	21 12	10 16	8 2	7 4	4 19
7	25 4	12 12	9 9	8 8	5 15
8	28 16	14 8	10 16	9 12	6 12
9	32 8	16 4	12 3	10 16	7 8
10	36 0	18 0	13 10	12 0	8 5
20	72 0	36 0	27 0	24 0	16 10
30	108 0	54 0	40 10	36 0	24 15
40	144 0	72 0	54 0	48 0	33 0
50	180 0	90 0	67 10	60 0	41 5
60	216 0	108 0	81 0	72 0	49 10
70	252 0	126 0	94 10	84 0	57 15
80	288 0	144 0	108 0	96 0	66 0
90	324 0	162 0	121 10	108 0	74 5
100	360 0	180 0	135 0	120 0	82 10
200	720 0	360 0	270 0	240 0	165 0
300	1080 0	540 0	405 0	360 0	247 10
400	1440 0	720 0	540 0	480 0	330 0
500	1800 0	900 0	675 0	600 0	412 10
600	2160 0	1080 0	810 0	720 0	495 0
700	2520 0	1260 0	945 0	840 0	577 10
800	2880 0	1440 0	1080 0	960 0	660 0
900	3240 0	1620 0	1215 0	1080 0	742 10
1000	3600 0	1800 0	1350 0	1200 0	825 0
5000	18000 0	9000 0	6750 0	6000 0	4125 0
10000	36000 0	18000 0	13500 0	12000 0	8250 0

Note. A Portugal 3 l. 12 s. weighs 18 dwt. 12 gr. A Portugal 36 s. weighs 9 dwt. 6 gr. A Moidore at 27 s. weighs 6 dwt. 18 gr. A Double Luis d'Or at 24 s. weighs 6 dwt. 6 gr. And a Piſtole at 16 s. 6 d. weighs 4 dwt. 8 grains.

The 5th Column in the Leit-hand Pages in the following Months, is the Hour and Minute of the Moon's Southing; whose Uſe is to find the Times of High-Water, and true Hour of the Night, as follows.

I. To find Time of High-Water in moſt Ports of *England*

Take the Time of the Moon's Southing for the Day propoſed, and to that Add the Hours and Minutes which ſtand againſt the Place requir'd in the following Table of Sea-Coaſts, and the Sum will be the Time of High-Water at the Place requir'd on that Day.

A TABLE of the Sea-Coaſts.

Portſmouth, Quinborough, Southampton,	0	00
Rocheſter, Winchelſea Fluſhing,	0	45
Downs, Graveſend, Ramkins, Guernſey,	1	30
Denbeigh, Beſt-Iſle, Holy-Iſle, Downs-Road,	2	15
Tinmouth, Whitby, Hartlepool, London,	3	00
Scarborough, Berwick, Fluſhings, Staples,	3	45
Flamborough, Humber, Bridlington-Bay,	4	30
Plymouth, Ramſey, Newcaſtle, Severn,	5	15
Lynn, Foſdyke, Hull, Weymouth, Dartmouth,	6	00
Poſton, Start-Point, Foulneſs, Briſtol-Key,	6	45
Bridgwater, Milford-Haven, Lizard, Wintertown,	7	30
Yarmouth, Iſle of Wight, the Needles,	8	15
Iſle of Man, Orkney, Pool, South-Foreland	9	10
Dover, Harwich, Orforcneſs, Bullein,	10	10
Rye, Selebay, Margate-Road,	11	15

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial

1. When the Shadow falls preciſely on the Hour 12, then the Time of the Moon's Southing found as above-mention'd, is the exact Time of Night But in other Caſes,

2. If the Shadow warts of 12, ſee how much it warts of it; which Time ſubſtracted from that of the Moon's Southing, leaves the Time of Night. *Note*, You muſt add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has paſs'd 12, add the Time that it has paſs'd it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that Sum, if need be.

The following Almanack Explain'd.

THE *Left-Hand Pages.*] Under the New, Full, and Quarters of the Moon, contain Seven Columns.

The firſt Column towards the Left-hand, are the Days of the Month. The ſecond the Days of the Week. The third Column contains all the Faſts and Feſtivals of the Church of *England*, and other Remarkable Days.

The 5th Column is the Time of the Moon's Southing: You have Directions how to make Uſe thereof in finding the Time of High-Water, and Hour of the Night in the preceding Page, which I will here further explain by an Example: Suppoſe I would know the Time of High-Water at *Scarborough* on the 12th Day of *January*, this Year: The Time of the Moon's Southing that Day, is 0 Hours 22 Minutes, to which add 3 Hours 45 Minutes, (the Time againſt *Scarborough* in the preceeding Table) and you will have 7 Minutes after 4 in the Morning, for the Time of High-Water required.

The 4th Column is the Time of the Moon's Riſing and Setting: The 6th is the Time of High-Water at *London*-Bridge, exactly calculated: The 7th and laſt Column contains the Planets, Aſpects, and Variation of the Weather.

The *Right-Hand Pages*] The Tops thereof ſhew what Planets are with the Moon in every Month.

The firſt Column is the Month Days in the Old Style, the 2d is the Month Days in the New Style.

The third Column is the Moon's Signs. The 4th and 5th contain the Riſing and Setting of the Sun, for the Latitude of 52 Degrees 40 Minutes. The 6th Column contains the Increaſe or Decreaſe of Days.

The 7th and laſt Column contains an Account of the Vertue of Common Water.

January hath xxxi Days.

First Quarter, the 5th day, at 1 morn.
Full Moon, 11th, 5 aftern.
Last Quarter, 18th, 6 aftern.
New Moon, 26th, at midnight

M	W	Saints Days,	Moon	Moon's	Fullsea	Aſpects and
☽	D	Terms, &c.	ri. & ſets	South.	at Lond	Weather.
1	a	Circumciſion	8 55	3 A19	4 A45	Foggy, cold
2	b		10 14	4 7	5 20	moiſt Wea-
3	c		11 34	4 53	6 1	ther begins
4	d		Morn	5 35	6 48	the Year.
5	e	Old Chr. Day	0 55	6 28	7 50	Lucian
6	f	Epiphany	2 27	7 20	8 53	Twelfth-Day
7	G	S. aft. Epip.	3 53	8 17	10 13	Wind, with
8	a	Plow-Monday	5 14	9 17	11 28	♂ ☉ ☿
9	b		6 11	10 18	Morn.	Rain, or
10	c		6 50	11 21	0 40	Snow inter-
11	d		☽ riſes	Morn.	1 44	mixed.
12	e	Old N. Y. D.	5 19	0 22	2 43	Cold Morn-
13	f	Hilary	6 30	1 18	3 26	Oxf. Term B.
14	G	S. aft. Epip.	7 39	2 14	3 56	ings, with
15	a		8 51	3 6	4 34	froſty Air,
16	b		10 2	3 52	5 9	and Snow,
17	c	Old Twelf. D.	11 16	4 37	5 47	or Sleets.
18	d	Q. Charl. Birth-	Morn.	5 20	6 32	More tempe.
19	e	[day kept	0 32	6 1	7 16	rate Weather.
20	f	Fabian	1 32	6 45	8 9	
21	G	S. aft. Epip.	3 48	7 31	9 8	Agnes V. & M.
22	a	Vincent	4 2	8 18	10 12	
23	b	Term Begins	5 13	9 4	11 10	Sharp cold
24	c		6 0	9 53	0M 13	Winds and
25	d	St. Paul Conv.	6 40	10 41	1 3	✶ ♅ ☿
26	e		☽ ſets	11 29	1 54	Froſts, wit
27	f		5 36	0A 17	2 30	Snow, or
28	G	S. aft. Epip.	6 42	1 4	3 18	Rain.
29	a		7 50	1 50	3 43	
30	b	K. Ch. I. Mart.	9 3	2 37	4 11	☿ ♄ ♀
31	c		10 15	3 22	4 47	

Old Style / New Style

The 12th day, at 5 morn. 22d, 4 aftern. 23d, at midnight 25th, 4 aftern. 28th, 3 morn. } *Saturn, Jupiter, Mars, Venus, Mercury* } is with ☾

Ast. D	M. D.	Moon's Signs.	Sun rises	Sun sets.	Days incr.	Physical Observations.
21	1	ancles	8 9	3 51	0 8	
22	2	feet	9	51	10	
23	3	toes	8	52	12	
24	4	head	7	57	14	
25	5	face	6	54	16	
26	6	neck	5	55	18	
27	G	throat	5	55	20	
28	8	arms	4	56	21	
29	9	should.	3	57	22	
30	10	breaſt	2	58	24	
31	11	ſtomach	1	59	26	
Jan. 1	12	heart	0 4	0	28	
2	13	back	7 59	1	30	
3	G	bowels	58	2	32	
4	15	belly	56	4	34	
5	16	reins	55	5	38	
6	17	and	54	6	40	
7	18	loins	52	8	44	
8	19	ſecret	51	9	46	
9	20	memb	50	10	48	
10	G	hips	48	12	51	
11	22	and	47	13	53	
12	23	thighs	45	15	56	
13	24	knees	44	16	59	
14	25	hams	42	18	1 2	
15	26	legs	40	20	5	
16	27	and	39	21	8	
17	G	ancles	37	23	11	
18	29	feet	35	25	14	
19	30	toes	34	26	17	
20	31	head	32	28	20	

Curioſities of Common Water:
Continued from my laſt.

FOR the Benefit of Mankind in general I have taken Pains to give the World an Account of what I have found written in the Works of the moſt eminent Phyſicians, concerning the Good that Mankind may receive from the Uſe of Common Water, and of the Informations I have had concerning the Benefits thereof from others, by Word of Mouth, and of what I have diſcovered by my own Experience from frequent Trials, during a Time that hath intervened from that of Thirty to ſeventy-four Years of Age, which is ſufficient to confirm the ſtupendous Effects thereof in many Particulars that has, and ſhall be mentioned as my own Diſcovery with reſpect to this excellent Remedy; which will perform Cures with very little Trouble.

Some

February hath xxviii Days.

First Quarter, the 3d day, at 1 aftern.
Full Moon, 10th, 4 morn.
Laſt Quarter, 17th, 1 aftern.
New Moon, 25th. 4 aftern.

Month Da.	Week Da.	Saints Days Terms, &c.	Moon ri. & ſets	Moon's South	Full Sea at Lond.	Aſpects and Weather.
1	d		11 26	4 A 10	5 24	Cold Winds
2	e	Purif. B.V.M.	Morn.	5 2	6 12	Candlemas-d
3	f		0 40	5 56	7 11	and Sleets
4	G	5 S. aft. Epip.	1 55	6 53	8 20	of Snow or
5	a	Agatha	3 9	7 52	9 37	☌ ☉ ♄
6	b		4 14	8 53	10 56	Rain now
7	c		5 10	9 54	Morn.	abouts.
8	d		5 56	10 55	0 12	Cold Air,
9	e		☽ riſes	11 59	1 19	and ſome
10	f		5 43	Morn.	2 24	Froſt.
11	G	Septuag. Sun.	7 2	0 41	2 58	More mild.
12	a	Term Ends	8 20	1 28	3 32	Good ſeaſon-
13	b	Old Cand. D.	9 36	2 19	4 1	able Wea-
14	c	Valentine	10 50	3 5	4 34	ther and
15	d		11 56	3 59	5 15	gentle Air.
16	e		Morn.	4 37	5 47	✱ ☌ ♀
17	f		1 6	5 23	6 13	Wind and
18	G	Sexageſima S.	2 8	6 10	7 26	cold Storms,
19	a		3 10	6 58	8 29	with Snow
20	b		4 0	7 47	9 30	or Rain.
21	c		4 40	8 35	10 34	♂ ☉ ♀
22	d		5 26	9 23	11 35	☽ ♄ ♂
23	e		6 0	10 11	0 32	Sleets, or
24	f	St. Matthias	6 30	10 57	1 21	
25	G	Shrove-Sunday	☽ ſets	11 46	2 12	♂ ♀ ☿
26	a		6 36	0 A 33	2 51	
27	b	Shrove-Tueſd.	7 48	1 19	3 26	ſtormy
28	c	Aſh-Wedneſd.	9 4	2 9	4 0	Weather.

Old Style. New Style.

The { 8th day, at noon / 12th, 11 morn. / 22d, 5 morn. / 24th, 10 night / 25th, at noon } { Saturn / Jupiter / Mars / Venus / Mercury } is with)

M. D.	M D	Moon's Signs.	Sun rises	Sun sets.	Days incr.	Physical Observations.
21	1	face	7 36	4 24	1 21	
22	2	neck	35	25	2	
23	3	and	33	27	24	
24	G	throat	29	31	26	
25	5	arms	27	33	28	
26	6	ſhould.	25	35	30	
27	7	breaſt	23	37	34	
28	8	ſtomach	21	39	38	
29	9	heart	19	41	42	
30	10	back	18	42	44	
31	G	bowels	17	43	49	
Febr. 1	12	belly	16	44	52	
2	13	reins	14	46	54	
3	14	loins	13	47	56	
4	15	ſecrets	12	48	59	
5	16	and	11	49	2 0	
6	17	memb.	10	50	3	
7	G	hips	8	52	6	
8	19	thighs	6	54	10	
9	20	knees	4	56	15	
10	21	and	2	58	19	
11	22	hams	0 5	0	24	
12	23	legs	6 59	1	29	
13	24	ancles	58	2	33	
14	G	feet	56	4	36	
15	26	toes	55	5	40	
16	27	head	54	6	43	
17	8	and	53	7	46	

Some Rules *for preſerving of* Health *by* Diet: *Collected from Phyſical Authors.*

IN a little Treatiſe, intitled *Kitchen-Phyſick*, written by Dr. *Cook*, the Author declares he can hardly be told of any Diſeaſe which he cannot relieve or cure by a proper Diet, P. 39.

And in the ſame Book we find his Opinion to be this: That all tender, ſickly People, and all aged and decrepid Perſons ought to eat often, and but a little at a Time, becauſe weak and waſted Bodies are to be reſtored by little and little, and by moiſt and liquid Food alſo, rather than by ſolid; becauſe moiſt and liquid Diet does nouriſh ſooneſt, and digeſt eaſieſt.

And thoſe, he ſaith, that eat much and get little Strength by eating, ſhew that they have uſed themſelves to too full a Diet; and the more you cram ſuch Bodies, the leſs they thrive by

March hath xxxi Days.

First Quarter, the 4th day, at 9 night
Full Moon, 11th, 4 aftern.
Laſt Quarter, 19th, 10 morn.
New Moon, 27th, 5 morn.

M D	W D.	Saints Days, Terms, &c.	Moon i. & ſets.	Moon's South.	Full Sea at Lond.	Aſpects and Weather.
1	d	David	10 20	2 A 57	4 28	Moderate
2	e	Chad.	11 38	3 50	5 8	good Wea-
3	f		Morn.	4 46	5 56	ther begins
4	G	1 Sun. in Lent	0 53	5 44	6 58	the Month,
5	a	Ps. Heſſe Born	2 2	6 43	8 6	but ſoon
6	b		3 1	7 41	9 21	changes to
7	c	Ember-Week	3 50	8 40	10 40	cold ſtormy
8	d		4 32	9 37	11 52	intemperate
9	e		5 6	10 38	Morn.	Weather;
10	f		5 40	11 20	1 0	but we hope
11	G	2 Sun. in Lent	☽ riſes	Morn.	1 44	the kind
12	a		7 15	0 10	2 34	Gregory
13	b		8 30	0 56	3 11	△ ☉ ☿
14	c		9 42	1 45	3 40	Rays of
15	d		10 58	2 30	4 7	△ ☉ ♄
16	e	Ed. K. W. Sax.	11 56	3 19	4 45	□ ♃ ♀
17	f	St. Patrick	Morn.	4 6	5 20	☿ and ☉
18	G	3 Sun. in Lent	0 58	4 55	6 6	△ ♄ ♀
19	a		1 50	5 42	6 44	will produce
20	b	Eq Day & N.	2 38	6 31	7 50	ſome pleaſant
21	c	Benedict	3 18	7 19	8 54	ſeaſonable
22	d		3 52	8 7	9 57	Weather.
23	e		4 22	8 54	10 59	
24	f		4 47	9 41	11 57	
25	G	Midlent-Sund.	5 10	10 28	0 A 51	Lady-Day
26	a		☽ ſets	11 16	1 40	
27	b		7 1	0 A 6	2 30	A ſmiſh
28	c		8 18	0 57	3 11	☌ ☉ ♀
29	d		9 34	1 50	3 43	Time for
30	e		10 50	2 45	4 18	the Seaſon:
31	f		Morn.	3 48	5 6	

Saunders, March, 1770.

Old Style. | New Style.

The { 7th day, at 7 night / 18 h, at 11 night / 23d, at 8 morn. / 24th, at 10 night / 27th, at 7 morn. } { Saturn / Jupiter / Mars / Venus / Mercury } is with ☽

M D.	M. D.	Moon's Signs.	Sun rises.	Sun sets	Days incr.	
18	1	face	6 51	5 4	2 55	
19	2	neck	49	11	58	
20	3	throat	47	13	3 2	
21	G	arms	45	15	6	
22	5	ſhould.	43	17	10	
23	6	breaſt	41	19	16	
24	7	ſtomach	39	21	20	
25	8	heart	36	24	26	
26	9	back	33	27	31	
27	10	bowels	30	30	37	
28	G	belly	27	33	41	
29	12	reins	24	36	46	
March.	13	and	21	39	50	
	14	loins	18	42	54	
	15	ſecret	15	45	58	
5	16	memb.	13	47	4 3	
6	17	hips	10	50	8	
7	G	and	7	53	12	
8	19	thighs	4	56	16	
9	20	knees	2	58	20	
10	21	hams	0 6	0	24	
11	22	legs	5 58	2	30	
12	23	ancles	56	4	34	
13	24	feet	54	6	38	
14	G	and	52	8	42	
15	26	toes	50	10	46	
16	27	head	48	12	50	
17	28	face	46	14	54	
18	29	neck	44	16	58	
19	30	throat	42	18	5 2	
20	31	arms	40	20	6	

Phyſical Obſervations.

by it, but rather grow worſe and worſe; becauſe, by much Feeding, you do but add to the bad Humours wherewith the Body is already filled, which ſhould rather be waſted by purging, and uſing a ſpare Diet.

And a ſpare Diet he deſcribes to be this: That we never eat at once till the Appetite is fully ſatisfied, and never to eat till we have an Appetite; and Men never have a true Appetite till they can eat any ordinary Food, or that a Piece of Bread will pleaſe the Palate. And he adviſeth to keep conſtantly to a plain Diet; for thoſe, he ſays, enjoy moſt Health, and live longeſt, that avoid Curioſity and Variety of Meats and Drinks, which only ſerve to entice to Gluttony, and ſo work our Ruin.

Another Author ſaith, The leſs Food a ſick Perſon eateth, the ſooner he will recover: For it is a true Saying, The more you fill foul Bodies, the more you hurt them. The Stomach being the Place where Diſeaſes

April hath xxx Days.

First Quarter, the 3d day, at 4 morn.
Full Moon, 10th, 4 morn.
Last Quarter, 18th, 5 morn.
New Moon, 25th, 4 aftern.

M D	W D	Saints Days, Terms, &c.	Moon ri & sets	Moon's South	Full Sea at Lond	Aspects and Weather.
1	☌	5 Sun. in Lent	☊ M 1	4 A 45	5 56	✱ ☍ ♂
2	g		1 6	5 43	6 57	Mild, plea-
3	b		1 57	6 42	8 4	sant Rains
4	c	St. Ambrose	2 40	7 37	9 16	for the
5	d	Old Lady-day	3 14	8 29	10 28	Spring, at
6	e		3 42	9 20	11 32	the Begin.
7	f		4 8	10 10	Morn.	□ ♄ ☿
8	☌	Palm-Sunday	4 38	10 57	0 31	ning of the
9	a		☽ rises	11 44	1 20	△ ☍ ☿
10	b		7 34	Morn.	2 9	Month.
11	c		8 44	0 37	2 54	
12	d		9 50	1 17	3 26	□ ♄ ☿
13	e	Good-Friday	10 54	2 10	3 55	Wind and
14	f		11 50	2 55	4 26	sharp Wea-
15	☌	Easter-Day	Morn.	3 43	5 2	ther, and
16	a	Monday	0 38	4 31	5 43	□ ☉ ♄
17	b	Tuesday	1 21	5 20	6 32	dry coolish
18	c		1 58	6 8	7 24	cloudy
19	d	Alphege	2 26	6 54	8 22	Time.
20	e		2 51	7 39	9 21	
21	f		3 18	8 20	10 15	Thunder
22	☌	Low-Sunday	3 41	9 13	11 22	in some
23	a	St. George	4 6	9 52	0 A 10	✱ ♂ ☿
24	b		4 30	10 52	1 15	Places.
25	c	St. Mark	☽ sets	11 47	2 12	
26	d		8 41	0 A 55	3 10	□ ♄ ☿
27	e		10 0	1 43	3 38	
28	f		11 8	2 44	4 13	Showers
29	☌	2 S. aft. Easter	Morn	4 45	5 5	now about.
30	a		0 4	4 48	5 58	

Old Style / New Style

The 30 day, at 11 night
15th, 8 morn.
21ſt, 10 morn.
24th, 8 night
26th, 6 morn.
} Saturn, Jupiter, Mars, Venus, Mercury } is with ☽

M. D.	M. D.	Moon's Signs	Sun riſes.	Sun ſets.	Days incr.	Phyſical Obſervations.
21	G	ſhould.	5 39	6 21	5 7	Diſeaſes begin, when that
22	2	breaſt	38	22	9	Part therefore is weak and
23	3	ſtomach	36	24	12	out of Order, and cannot
24	4	heart	34	26	15	make a good Digeſtion, raw
25	5	back	32	28	18	or crude Humours muſt
26	6	bowels	30	30	22	needs be bred, and bad Hu-
27	♌	and	29	31	26	mours cannot produce good
28	G	belly	27	33	30	Blood.
29	9	reins	25	35	34	All Men do ſtad by Ex-
30	10	loins	24	36	36	perience, that in the Morn-
31	11	ſecret	22	38	40	ing before they eat, they are
April 1	12	memb.	20	40	44	light, pleaſant and eaſy in
2	13	hips	18	42	50	their Bodies; but after they
3	14	and	16	44	54	have indulged their Appe-
4	G	thighs	14	46	58	tites with Plenty of Food,
5	16	knees	12	48	6 2	they find themſelves heavy
6	17	hams	10	50	6	and dull, and often ſleepy,
7	18	legs	8	52	12	which ſufficiently ſhews that
8	19	and	6	54	17	thoſe full Meals are preju-
9	20	ancles	4	56	22	dicial to the Welfare of the
10	21	feet	2	58	27	Body; for a moderate Meal
11	G	toes	0 7	0	32	would have continued the
12	23	head	4 58	2	36	Eaſe and Lightſomneſs they
13	24	face	56	4	40	before found in themſelves,
14	25	neck	55	5	43	and would have refreſhed
5	26	throat	54	6	46	any Faintneſs that Empti-
16	27	arms	53	7	50	neſs might occaſion And he
17	28	ſhould.	51	9	54	certainly, who uſeth the moſt
18	G	breaſt	49	11	57	ſimple Meats and Drinks,
19	30	ſtomach	48	12	7 1	avoideth

May hath xxxi Days.

~~First~~ Quarter, the 2d day, at 9 morn.
Full Moon, 9th, 6 aftern.
Last Quarter, 17th, 10 night.
New Moon, 24th, at midnight
First Quarter, 31ſt, 4 aftern.

M D.	W D.	Saints Days, Terms, &c.	Moon ri. & ſets	Moon's South	Full Sea at Lond.	Aſpects and Weather.
1	b	S. Phil. & Ja.	☌M 48	5 A 45	6 A 59	Wind and
2	c		1 26	6 43	8 8	☌ ☉ ☿
3	d	Invi of +	1 55	7 42	9 24	Rain.
4	e		2 22	8 24	10 20	✶ ♄ ♀
5	f		2 46	9 0	11 6	✶ ♂ ☿
6	G	3 S. aft. Eaſter	3 6	9 47	Morn.	Miſty
7	a		3 33	10 33	0 18	✶ ♄ ☿
8	b		3 52	11 19	0 44	□ ☿ ♂
9	c		☽ riſes	Morn.	1 44	Mornings,
10	d		8 55	0 7	2 30	and ſome
11	e		9 51	0 55	3 10	dry Days,
12	f	Old May-day	10 42	1 43	3 39	with ſome
13	G	S. aft. Eaſter	11 28	2 31	4 7	☌ ♀ ☿
14	a		Morn.	3 20	4 45	△ ♄ ♂
15	b		0 5	4 8	5 21	ſmall driſ-
16	c		0 36	4 53	6 5	ling Rains.
17	d		1 3	5 40	6 53	
18	e		1 25	6 24	7 43	✶ ☉ ♄
19	f	Q. Chark. Bo.	1 49	7 10	8 31	Pleaſant and
20	G	Rogat. Sund.	2 10	7 55	9 42	ſeaſonable
21	a		2 32	8 43	10 46	Weather.
22	b		2 58	9 35	11 51	
23	c		3 28	10 29	0 A 53	Sun Ec. Inv.
24	d	Aſcenſion-Day	☽ ſets	11 27	1 50	
25	e		9 5	0 A 30	2 50	♂ ♃ ☿
26	f		9 50	1 32	3 27	Mild and
27	G	6 S. aft. Eaſter	10 48	2 35	4 10	✶ ☉ ♂
28	a	Term Ends	11 30	3 31	4 53	warm gentle
29	b	K C II. Reſt	Morn.	4 30	5 42	Showers to
30	c		0 4	5 23	6 36	the End.
31	d		0 30	6 11	7 26	

Old Style. New Style.

The { 1st Day, at 7 Morn. *Saturn*
13th Day, at 1 Aftern. *Jupiter*
20th Day, at 1 Aftern. *Mars*
26th Day, at 3 Morn. *Venus*
26th Day, at Noon, *Mercury*
28th Day, at 5 Aftern. *Saturn* } is with ☽.

D.	D.	Moon's Signs.	Sun riſes.	Sun ſets.	Days incr.	Phyſical Obſervations.
20	1	ſtom.	4 47	7 13	7 4	avoideth the ſnare of pro-
21	2	heart	43	71	6	voking his appetite be-
22	3	back	40	20	8	yond the neceſſities of na-
23	4	bowels	38	22	12	ture; whereas variety en-
24	5	belly	36	2	16	ticeth to a freſh deſire of
25	G	reins	34	26	20	every dainty, till at laſt
26	7	loins	32	28	24	the ſtomach is gorged and
27	8	ſecret	30	30	28	made incapable of per-
28	9	and	28	32	32	forming a good digeſtion;
29	10	memb.	26	34	36	and this produceth thoſe
30	11	hips	24	36	40	crudities or rawneſs which
May 1	12	thighs	22	38	42	are the cauſe of all diſ-
2	G	knees	20	40	44	eaſes.
3	14	and	19	41	46	'Tis generally obſerved
4	15	hams	17	43	48	that the moſt unhealthy
5	16	legs	16	44	52	among the gentry, are
6	17	ancles	14	46	56	thoſe who feed high upon
7	18	feet	12	48 8	0	the moſt delicious dainties,
8	19	and	11	49	3	and drink nothing but the
9	G	toes	10	50	7	ſtrongeſt and moſt ſpiri-
10	21	head	9	51	11	tuous liquors; whereas the
11	22	face	8	52	15	poor, who want this deli-
12	23	neck	7	53	18	cate fare, are ſeldom ſick,
13	24	throat	6	55	22	except they have ſuch un-
14	25	arms	4	56	24	ſatiable appetites as to eat
15	26	ſhould.	2	58	27	too much, which a man
16	G	breaſt	4 0	8 0	30	may do of the plaineſt
17	28	ſtom.	3 59	1	32	diet, whoſe belly is his
18	29	heart	58	2	34	God.
19	30	back	57	3	36	Dr. Pratt adviſeth to
20	31	bowels	5	4 8	37	

JUNE hath xxx Days.

Full Moon the 8th Day, at 10 Morn.
Laſt Quarter the 16th Day, at Noon.
New Moon the 23d Day, at 8 Morn.
Firſt Quarter the 29th Day, at Midnight.

M ☽	W D.	Saints Days and Terms.	☽ riſes and ſets.	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	e		oM50	6A59	8 20	Wind and very
2	f		1 12	7 45	9 28	dry weather.
3	G	Whit-Sunday	1 34	8 31	10 29	
4	a	K. Geo. III. b.	1 56	9 27	11 30	Hot and dry,
5	b		2 20	10 4	Morn.	with thunder in
6	c	Ember Week	2 48	10 52	0 24	ſome places.
7	d		3 20	11 38	1 (	
8	e		☽ riſe.	Morn.	2 54	Haſty ſtorms of
9	f		9 22	0 28	3 2	☌ ☉ ♃ rain.
10	G	Trinity Sunday	10 36	1 15	3 51	Prs. Amelia bo.
11	a	St. Barnabas	10 36	2 4	4 22	
12	b		11 4	2 50	4 57	☌ ☿ ☿
13	c		11 28	3 35	5 33	△ ♅ ♂
14	d	Corpus Chriſti	11 52	4 19	6 16	Sultry air.
15	e	Term begins	Morn.	5 4	7 3	
16	f		0 12	5 48	7 57	Delightful and
17	G	1 S. aft. Trin.	0 35	6 35	9 2	pleaſant wea-
18	a		0 57	7 22	10 4	ther.
19	b		1 22	8 12	11 12	
20	c		1 53	9 6	oA25	Cooling ſhowers
21	d	Longeſt Day	2 33	10 5	1 31	of rain.
22	e		3 22	11 7	2 30	
23	f		☽ ſets.	oA13	3 24	☐ ☌ ♅
24	G	2 S. aft. Trin.	9 16	1 15	3 58	St. John Bapt.
25	a		9 55	2 14	4 38	Fine and plea-
26	b		10 25	3 10	5 59	ſant to the
27	c		10 52	4 3	6 1	month's end.
28	d		11 15	4 55	6 53	☌ ♄ ☿
29	e	St. Peter & Paul	11 36	5 39	7 44	
30	f		11 59	6 25	8 35	

Old Style. New Style.

The { 8th Day, at 1 Aftern. *Jupiter*
18th Day, at 1 Aftern. *Mars*
24th Day, at 1 Morn. *Mercury*
24th Day, at 11 Night, *Venus*
25th Day, at 8 Morn. *Saturn* } is with ☽.

D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days incr.	Physical Observations.
21	1	belly	3 54	8 6	8 40	ſup ſparingly, for to ſup
22	2	reins	53	7	41	ſparingly he ſaith is moſt
23	G	loins	52	8	42	healthful, becauſe of the
24	4	ſecrets	51	9	43	experience of an infinite
25	5	and	50	10	44	number of perſons who
26	6	memb.	50	10	44	have received the greateſt
27	7	hips	49	11	44	benefit from light ſuppers;
28	8	thighs	48	12	44	for the ſtomach being not
29	9	knees	48	12	44	overburthened, the ſleep
30	G	and	48	12	44	is more pleaſant; and from
31	11	hams	48	12	45	ſparing ſuppers, the breed-
June 1	12	legs	48	12	45	ing of thoſe humours are
2	13	ancles	48	12	46	prevented, which cauſeth
3	14	feet	47	13	46	defluxions, rheumatiſms,
4	15	and	47	13	46	gout, dropſies, giddineſs,
5	16	toes	47	13	46	and corruption in the
6	G	head	47	13	46	mouth from the ſcurvy;
7	18	face	47	13	46	and from light ſuppers, a
8	19	neck	47	13	46	freedom from ſickneſs and
9	20	throat	47	13	46	retching in the morning
10	21	arms	47	13	46	is obtained, and concoc-
11	22	ſhould.	47	13	Days o	tion is made perfect, which
12	23	breaſt	47	13	decr. o	prevents obſtructions.
13	G	ſtomach	47	13	o	Another ſaith, it is well
14	25	heart	47	13	o	known that many indiſpo-
15	26	back	47	13	o	ſitions are cured by faſting
16	27	bowels	47	13	1	or a very ſpare diet; for
17	28	belly	47	13	1	what is taken into the
18	29	reins	48	12	2	ſtomach, being no more
19	30	and	3 48	8 12	8 2	than can be well digeſted,

JULY hath xxxi Days.

Full Moon the 7th Day, at Midnight.
Laſt Quarter the 15th Day, at 11 Night.
New Moon the 22d Day, at 3 Aftern.
Firſt Quarter the 29th Day, at Noon.

M D.	W D.	Saints Days and Terms.	☽ riſes and ſets.	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	G	3 S. aft. Trin.	o M	7 A 11	8 42	☌ ☉ ☿
2	a	Viſit. B. V. M	0 22	8 20	10 15	□ ♄ ♂
3	b		0 50	8 44	10 47	Wind and rain.
4	c	Term ends	1 21	9 31	11 45	
5	d	Old Midſ. Day	1 55	10 1c	Morn.	Serene hot, dry
6	e		2 40	11 7	0 31	weather.
7	f	Tho. à Becket	☽ riſes.	11 55	1 32	✶ ♂ ♀
8	G	4 S. aft. Trin.	8 30	Morn.	2 20	Thunder and
9	a		9 c	0 41	2 57	prolifick ſhow-
10	b		9 26	1 27	3 30	△ ☿ ♀
11	c		9 48	2 13	3 56	ers of rain.
12	d		10 1c	2 58	4 29	
13	e		10 32	3 41	5 2	Very pleaſant
14	f		10 52	4 26	5 37	and ſeaſonable.
15	G	5 S. aft. Trin.	11 17	5 11	6 22	Swithin.
16	a		11 45	6 0	7 15	
17	b		Morn	6 40	8 3	
18	c		0 16	7 43	9 27	Thunder or
19	d		0 58	8 40	10 4c	fightning in
20	e	Margaret V.	1 57	9 43	o A 3	ſome places.
21	f		3 1	10 46	1 8	
22	G	6 S. aft. Trin.	☽ ſets.	11 51	2 16	Q. Denmark b.
23	a		8 1c	o A 51	3 7	A little moiſt
24	b		8 36	2 46	4 18	air.
25	c	St. James	9 0	3 38	5 0	Wind, and
26	d	St. Anne	9 27	4 16	5 29	ſome ſhowers of
27	e		9 48	5 3	6 14	rain or hail.
28	f		10 12	5 50	7 4	☌ ☉ ♄
29	G	7 S. aft. Trin.	10 38	6 37	7 57	Coruſcations.
30	a	Dog-days begin	11 7	7 24	9 1	✶ ♂ ♀
31	b		11 42			

Old Style. New Style.

The { 5th Day, at 1 Aftern. *Jupiter*
17th Day, at 8 Morn. *Mars*
21ſt Day, at 6 Morn. *Mercury*
22d Day, at 11 Night, *Saturn*
24th Day, at 9 Night, *Venus* } is with ☽.

D.	D.	Moon's Signs.	Sun riſes.	Sun ſets.	Days decr.	Phyſical Obſervations.
20	G	loins	3 48	8 12	8 40	the chylous juice ſo pre-
21	2	ſecrets	48	12	40	pared is conveyed into the
22	3	memb.	49	11	41	lacteal veſſels, and from
23	4	hips	49	11	42	thence into the blood; ſo
24	5	and	50	10	43	that nature being duly ſup-
25	6	thighs	50	10	41	plied with well prepared
26	7	knees	51	9	44	nouriſhment, the corrupted
27	G	hams	51	9	44	blood will get free from
28	9	legs	52	8	44	that corruption in time by
29	10	and	52	8	44	throwing it out thro' the
30	11	ancles	53	7	44	pores of the ſkin, and ſup-
1 July	12	feet	54	6	45	ply itſelf with the purer
2	13	toes	56	4	45	juices; and in this way a
3	14	head	57	3	46	conſumption and ſcurvy
4	G	face	58	2	46	and other chronical dis-
5	16	neck	3 59	8 1	18	tempers will be overcome.
6	17	and	4 0	7 0	23	That men in health may
7	18	throat	1	59	26	prevent diſeaſes, it was ad-
8	19	arms	2	58	30	viſed, that one meal ſhould
9	20	ſhould.	3	57	34	not be eaten till the other
10	21	breaſt	4	56	38	which was eaten before
11	G	ſtom.	5	55	42	was paſſed off clean out
12	23	heart	6	54	46	of the ſtomach, which
13	24	back	7	53	49	never is done till the ap-
14	25	bowels	8	52	52	petite of hunger is found
15	26	belly	9	51	55	to call for another ſupply;
16	27	reins	10	50	58	by means of which conſtant
17	28	loins	11	49	0	obſervation the food will
18	G	ſecrets	12	48	3	be converted into good
19	30	memb.	13	47	6	chyle, and from good
20	31	hips	4 14	7 46	8	chyle,

AUGUST hath xxxi Days.

Full Moon the 6th Day, at 3 Aftern.
Laſt Quarter the 14th Day, at 8 Morn.
New Moon the 20th Day, at 10 Night.
Firſt Quarter the 28th Day, at 2 Morn.

M D.	W D.	Saints Days and Terms.	☽ riſes and ſets.	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	c	Lammas Day	Morn.	8 A 12	10 4	
2	d		0 23	9 0	11 6	□ ♃ ♀
3	e		1 12	9 48	Morn.	Pleaſant ſeaſon-
4	f		2 9	10 32	0 5	able weather at
5	G	8 S. aft. Trin.	3 6	11 12	0 36	the beginning.
6	a	Transfiguration	☽ riſes.	Morn.	1 36	△ ☉ ♃
7	b		7 37	0 8	3 8	
8	c		8 2	♂ 53	3 34	♂ ♄ ♀
9	d		8 28	1 37	3 34	Warm and dry,
10	e	St. Laurence.	8 46	2 21	4 2	with ſome mild
11	f	Prs. Bruſſ. bo.	9 8	3 7	4 36	△ ♃ ☿ rains
12	G	9 S. aft. Trin.	9 37	3 52	5 10	Pr. of Wales b.
13	a		10 10	4 43	5 55	
14	b		10 49	5 36	6 48	Thunder, with
15	c	Aſſum. B. V. M.	11 34	6 31	7 50	haſty ſhowers
16	d	Pr. Frederick b.	Morn.	7 19	8 54	♂ ☉ ☿
17	e		0 32	8 19	10 15	and coruſcations
18	f		1 43	9 2	11 32	△ ♂ ♀
19	G	10 S. aft. Trin.	3 10	10 22	0 A 44	
20	a		☽ ſets.	11 22	1 46	
21	b	Pr. W. Hen. b.	6 56	0 A 25	2 46	
22	c		7 22	1 17	3 26	□ ♂ ☿
23	d		7 48	2 8	3 53	Fair and dry.
24	e	St. Bartholom.	8 14	2 57	4 28	✶ ♄ ♀
25	f		8 40	3 47	5 5	Good harveſt
26	G	11 S. aft. Trin.	9 10	4 38	5 46	weather to the
27	a		9 44	5 12	6 34	end.
28	b	St Auguſtin	10 22	6 10	7 26	
29	c	Decol. S. J. Bap	11 11	7 0	8 19	✶ ♃ ♀
30	d		Morn.	7 48	9 31	
31	e		0 3	8 35	10 33	✶ ♄ ♂

Old Style | New Style

The { 1st Day, at 2 Aftern. *Jupiter*
14th Day, at Midnight, *Mars*
19th Day, at 5 Aftern. *Saturn*
21st Day, at 6 Morn. *Mercury*
23d Day, at 6 Aftern. *Venus*
28th Day, at 11 Night, *Jupiter* } is with ☽.

D.	D.	Moon's Signs.	Sun rifes.	Sun fets.	Days decr.	Phyſical Obſervations.
21	1	and	4 15	7 45	1 13	chyle, which is a milky
22	2	thighs	18	42	20	ſubſtance, good blood will
23	3	knees	20	40	23	be bred, and from good
24	4	hams	22	38	26	blood generous ſpirits will
25	G	legs	24	36	29	be produced, out of which
26	6	and	26	34	33	a healthy conſtitution will
27	7	ancles	29	31	37	enſue; but, on the con-
28	8	feet	31	29	40	trary, too great a quan-
29	9	toes	34	26	42	tity of food being taken
30	10	head	37	23	44	for pleaſure only, which
31	11	and	39	21	45	the ſtomach cannot well
Aug.	G	face	41	19	46	digeſt, the chyle will be
3	13	neck	42	18	48	raw and corrupt, which
4	14	throat	44	16	51	will foul the blood, and
5	15	arms	46	14	53	render the body diſorderly
6	16	ſhould.	48	12	1 56	and unhealthful.
7	17	breaſt	50	10	2 0	Others ſay, that abſti-
8	18	ſtomach	52	8	3	nence and ſobriety free
9	G	heart	54	6	6	from moſt diſeaſes, eſpe-
10	20	back	56	4	10	cially catarrhs, coughs,
11	21	bowels	4 58	2	14	wheezings, pain, giddi-
12	22	belly	5 0	7 0	18	neſs in the head and ſto-
13	23	reins	2	6 58	22	mach, ſudden death, le-
14	24	loins	4	56	25	thargies, gout and ſciatica,
15	25	ſecrets	6	54	29	an ill digeſtion being the
16	G	and	8	52	33	cauſe of theſe; it alſo pre-
17	27	memb.	10	50	36	vents pain in the ſpleen,
18	28	hips	12	48	40	ſtone, and gravel, and a
19	29	thighs	14	46	44	dry itch; it makes the
20	30	knees	16	44	48	body vigorous and nimble,
20	31	and	5 18	6 42	2 52	

SEPTEMBER hath xxx Days.

Full Moon the 5th Day, at 6 Morn.
Laſt Quarter the 12th Day, at 4 Aſtern.
New Moon the 19th Day, at 8 Morn.
Firſt Quarter the 26th Day, at 9 Night.

M D	W D.	Saints Days and Terms.	☽ riſes and ſets.	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	f		1 M 9	9 A 22	11 34	Briſk gales of
2	G	12 S. aft. Trin.	2 2	10 7	Morn.	wind, and mo-
3	a		3 8	10 52	0 27	derate good
4	b		4 16	11 4	1 16	weather for the
5	c		☽ riſes.	Morn.	1 38	harveſt.
6	d		6 40	0 23	2 4	☐ ☉ ♂
7	e	Dog-days end	7 4	1 9	3 21	☐ ☿ ☿
8	f		7 27	1 56	3 50	
9	G	13 S. aft. Trin.	7 53	2 45	4 18	♀ ☿ ♂
10	a		8 24	3 36	4 57	Fine pleaſant
11	b		9 0	4 41	5 54	air, and very
12	c		9 42	5 27	6 39	ſeaſonable.
13	d		10 34	6 25	7 20	✶ ♄ ♃
14	e	Holy Croſs	11 39	7 24	9 0	Holy Rood Day
15	f		Morn.	8 23	10 20	
16	G	14 S. aft. Trin.	0 50	9 21	11 24	✶ ☿ ♃
17	a		2 10	10 15	0 A 36	
18	b		3 50	11 8	1 31	Windy and dry.
19	c	Ember Week	☽ ſets.	0 A 2	2 26	
20	d		6 20	0 53	3 8	△ ♂ ♃
21	e	St. Matthew	6 47	1 43	3 3	☐ ♄ ♀
22	f	K. Geo. III. cr.	7 18	2 32	4 8	
23	G	15 S. aft. Trin.	7 50	3 22	4 47	Some ſtorms
24	a		8 28	4 11	5 26	
25	b		9 10	5 0	6 11	
26	c	St. Cyprian	10 0	5 48	7 2	Dull cloudy air
27	d		10 56	6 36	9 57	and foggy.
28	e		11 56	7 22	9 0	
29	f	St. Michael	Prs, Char.	Aug.	Mat, b.	Windy, with
30	G	16 S. aft. Trin.	1 4	8 57	11 0	ome rains.

Old Style. New Style.

The { 12th Day, at 11 Morn. *Mars* / 16th Day, at 7 Morn. *Saturn* / 21ſt Day, at 4 Morn. *Mercury* / 22d Day, at 6 Night, *Venus* / 25th Day, at 11 Night, *Jupiter* } is with ☽.

D.	D.	Moon's Signs.	Sun riſes.		Sun ſets.		Days decr.		Phyſical Obſervations.
21	1	hams	5	18	6	42	3	0	maintains the five ſenſes
22	G	legs		20		40		3	in a good ſtate, preſerveth
23	3	ancles		22		38		6	the memory, quickens the
24	4	feet		24		36		10	wit, and quencheth all
25	5	and		26		34		14	undue luſt in mankind.
26	6	toes		28		32		18	Two meals a day is ſuf-
27	7	head		30		30		22	ficient for all perſons after
28	8	face		32		28		25	fifty years of age, and all
29	G	neck		34		26		28	weak people; for the omit-
30	10	throat		36		24		30	ting of ſuppers does always
31	11	arms		38		22		34	conduce much to the health
Sept.	12	ſhould.		39		21		38	of the weak and aged;
	13	breaſt		40		20		42	ſince if no ſupper be eaten,
3	14	ſtomach		42		18		46	the ſtomach will ſoon free
4	15	heart		44		16		48	itſelf from all tough, ſlimy
5	☌	and		46		14		50	humours, wherewith it is
6	17	back		48		12		53	ſlabbered over on the in-
7	18	bowels		50		10	3	57	ſide, and thereby the ap-
8	19	belly		52		8	4	1	petite will be renewed,
9	20	reins		54		6		4	and digeſtion made more
10	21	loins		56		4		8	ſtrong and vigorous. More-
11	22	ſecret	5	58		2		12	over, all that are troubled
12	G	memb.	6	0	6	0		16	with ſweating in the night,
13	24	hips		2	5	58		20	or any ill taſte in their
14	25	and		4		56		24	mouths, belching, and
15	26	thighs		6		54		28	troubleſome dreams, muſt
16	27	knees		8		52		32	avoid ſuppers; for in ſleep
17	28	hams		10		50		36	the fibres of the ſtomach
18	29	legs		12		48		40	relax, and are not able
19	G	ancles	5	14	5	46	4	44	to contract themſelves ſo

ſtrongly

OCTOBER hath xxxi Days.

Full Moon the 4th Day, at 8 Night.
Laſt Quarter the 11th Day, at 10 Night.
New Moon the 18th Day, at 8 Night.
Firſt Quarter the 26th Day, at 4 Aftern.

W D.	Saints Days and Terms.	☽ rites and ſets	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
a	Remigius	2M 12	9A 43	Morn.	Temperate
b		3 20	10 27	0 1	good weather
c		4 42	11 13	0 59	for the ſeaſon,
d		☽ riſes.	Morn.	1 37	with ſome
e		5 31	0 1	2 25	ſtorms.
f		6 6	0 50	3 7	
G	17 S. aft. Trin.	6 36	1 42	3 37	☌ ☉ ♄
a		7 10	2 36	4 10	
b		7 50	3 32	4 55	More mild and
c	Old Mich. Day	8 40	4 29	5 42	moderate wea-
d		9 50	5 28	6 43	ther for the ſea-
e		11 9	6 26	7 44	ſon.
f		Morn.	7 22	8 59	☌ ☉ ☿
g	18 S. aft. Trin.	0 32	8 17	10 9	
a		2 8	9 9	11 18	
b		3 52	10 0	0A 20	Sharp ſereine
c		5 26	10 49	1 13	air, inclinable
d	St. Luke	☽ ſets.	11 39	2 5	to froſt,
e		5 15	0A 30	2 20	
f		5 48	1 20	3 27	
g	19 S. aft. Trin.	6 16	2 10	3 55	△ ♄ ♀
a		6 52	3 0	4 3	
b		7 34	3 49	5 7	Wind and cold
c		8 20	4 39	5 51	rain, or ſleets.
d	K. Geo. III. In.	6 18	5 27	6 40	△ ☉ ♂ ☌ ☉ ♀
e	K. Geo. III. Pr.	10 14	6 13	7 30	
f		11 15	7 0	8 29	☌ ♄ ♀
g	20 S. aft. Trin.	Morn.	7 42	9 20	St. Sim. & Jude
a		0 19	8 27	10 3	
b		1 4	9 12	11 34	
c		3 20	10 0	Morn.	

Old Style. New Style.

The { 10th Day, at Noon, *Mars* / 13th Day, at 6 Night, *Saturn* / 19th Day, at 6 Night, *Mercury* / 22d Day, at 6 Night, *Venus* / 23d Day, at 4 Morn. *Jupiter* } is with ☽.

D.	D.	Moon's Signs.	Sun riſes.	Sun ſets.	Days decr.	Phyſical Obſervations.
20	1	ancles	6 16	5 43	4 54	ſtrongly as when awake, to
21	2	feet	18	42	58	embrace the food, and by
22	3	toes	20	40	5 2	trituration reduce it into a
23	4	head	22	38	6	pap fit to paſs out into the
24	5	face	24	36	10	other bowels called the
25	6	neck	26	34	15	guts, out of which the
26	G	throat	28	32	21	nouriſhment is ſent to other
27	8	arms	30	30	26	parts.
28	9	and	32	28	30	It is the opinion of
29	10	ſhould	34	26	34	learned men, that the early
30	11	breaſt	36	24	38	diſtemper of the bodies of
31	12	ſtomach	38	22	42	children called the rickets,
Octob.	13	heart	40	20	46	proceeds from the fault of
2	G	back	42	18	50	their mothers, in making
4	15	bowels	44	16	54	them gluttons from their
5	16	belly	46	14	5 58	cradles, gorging them with
6	17	reins	48	12	6 2	food till they loathe it, out
7	18	loins	50	10	6	of a miſtaken opinion that
8	19	ſecrets	52	8	10	this is the way to make
9	20	memb.	54	6	14	them thrive and grow
10	G	hips	56	4	18	ſtrong; which exceſs is
11	22	and	6 58	5 2	22	not only the cauſe of this
12	23	thighs	7 0	4 0	26	diſeaſe, but of the imma-
13	24	knees	2	58	28	ture death of many; and
14	25	hams	4	56	32	in others it lays the foun-
15	26	legs	6	54	37	dation of many diſtempers,
16	27	and	8	52	42	which afflict them after-
17	G	ancles	10	50	46	wards who live to years of
18	29	feet	12	48	50	maturity. And as they
19	30	toes	14	46	54	gorge them with food, ſo
20	31	head	7 16	4 44	6 58	they

NOVEMBER hath xxx Days.

Full Moon the 3d Day, at 9 Morn.
Laſt Quarter the 10th Day, at 5 Morn.
New Moon the 17th Day, at 10 Morn.
Firſt Quarter the 25th Day, at 1 Aftern.

M D.	W D.	Saints Days and Terms.	☽ riſes and ſets.	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	d	All Saints	4 A 50	10 A 48	Morn.	Cold winterly
2	e	Pr. Edward b.	6 30	11 39	1 13	weather.
3	f		☽ riſes	Morn.	2 5	
4	G	21 S. aft. Trin.	5 8	0 33	2 50	Stormy air,
5	a	Powder Plot	5 59	1 29	3 33	with fleets or
6	b	Term begins	6 50	2 28	4 0	cold rain.
7	c	D. of Cumb. b.	7 50	3 27	4 51	
8	d		9 0	4 25	5 35	☌ ☍ ☿ □ ☉ ♄
9	e		10 20	5 23	6 34	Bluſtering un-
10	f		11 40	6 18	7 35	ſettled weather.
11	G	22 S. aft. Trin.	Morn.	7 10	8 41	Martinmas Day
12	a		0 54	8 0	9 49	
13	b		2 14	8 50	10 53	△ ♂ ☿
14	c		3 48	9 39	11 57	Fair and froſty.
15	d		5 24	10 27	☿ A 49	
16	e		7 8	11 14	1 38	Moderate air.
17	f	Hugh Bp Linc.	☽ ſets.	☿ A 4	2 19	Eclipſe ſun inv.
18	G	23 S. aft. Trin.	4 52	9 55	3 10	Mild and tem-
19	a		5 30	1 45	3 40	perate for the
20	b		6 20	2 33	4 8	ſeaſon.
21	c		7 15	3 20	4 45	✶ ☿ ☿
22	d	Old Martinmas	8 10	4 7	5 22	□ ♄ ☿
23	e	St. Clement	9 15	4 52	6 3	Sharp air, with
24	f		10 20	5 36	6 88	cold rain or
25	G	24 S. aft. Trin.	11 48	6 20	7 38	D. of Glouc. b.
26	a		Morn.	7 4	8 34	ſnow.
27	b		0 58	7 49	9 34	
28	c	Term ends	2 20	8 35	10 33	
29	d		3 40	9 24	11 37	Froſty.
30	e	St. Andrew	Prs. D. of Wales born			

Old Style. New Style.

The { 7th Day, at 2 Morn. *Mars* / 10th Day, at 2 Morn. *Saturn* / 15th Day, at 10 Night, *Mercury* / 19th Day, at Midnight, *Jupiter* / 21st Day, at 11 Morn. *Venus* } is with ☽.

D.	D.	Moon's Signs.	Sun rises.	Sun sets.	Days decr.	Physical Observations.
21	1	and	7 17	4 43	7 2	they vainly think to che-
22	2	face	19	41	4	riſh them with ſtrong
23	3	neck	20	40	6	drink; than which no-
24	G	throat	22	38	10	thing can be more perni-
25	5	arms	24	36	14	cious to the health of
26	6	ſhould.	26	34	18	children, whoſe diet ſhould
27	7	breaſt	28	32	22	be little and often and their
28	8	ſtomach	30	30	26	drink cooling: as it alſo
29	9	heart	34	28	30	ſhould be when they arrive
30	10	back	36	26	32	at the time of becoming
31	G	bowels	38	24	34	children again in old age,
Nov. 1	12	belly	40	22	38	that is, in an helpleſs ſtate,
2	13	reins	41	20	42	which ſhould be prevented
3	14	loins	42	19	44	as much as can be by a
4	15	ſecrets	43	18	46	cooling, moiſtening diet,
5	16	and	44	17	48	in oppoſition to that hot
6	17	memb.	45	16	52	and dry, and witherec
7	G	hips	46	15	55	ſtate; for it is heat and
8	19	thighs	47	14	7 58	dryneſs that are the cauſe
9	20	knees	48	13	8 2	of moſt of their miſeries
10	21	and	50	12	4	and the waſting of the ſub
11	22	hams	51	10	6	ſtance that fills the part
12	23	legs	52	9	8	with moiſture, and keep
13	24	ancles	53	8	10	the body plump and
14	G	feet	54	7	12	ſmooth.
15	26	and	55	6	14	It was the opinion o
16	27	toes	55	5	16	Dr. Pratt, who was for
17	28	head	56	4	18	merly Phyſician to St. Bar
18	29	face	57	3	20	tholomew's hoſpital, tha
19	30	neck	7 58	4 2	8 22	faſting, reſt, and drinkin

wate

DECEMBER hath xxxi Days.

Full Moon the 2d Day, at 10 Night.
Laſt Quarter the 9th Day, at 2 Aftern.
New Moon the 17th Day, at 4 Morn.
Firſt Quarter the 25th Day, at 8 Morn.

M D.	W D.	Saints Days and Terms.	☽ riſes and ſets.	☽'s South.	Full Sea at Lond.	Aſpects and Weather.
1	f		6 42	11 A 12	Morn.	Good ſeaſonable
2	G	Advent Sunday	☽ riſes.	Morn.	1 36	weather begins
3	a		4 40	0 10	2 34	the month.
4	b		5 25	1 10	3 21	
5	c		6 36	2 13	3 56	
6	d	Nicholas	7 49	3 12	4 40	Snow or ſleets.
7	e		9 4	4 8	5 22	
8	f	Conc. B. V. M.	10 22	5 2	6 13	△ ☉ ♄
9	G	2 S. in Advent	11 42	5 52	7 6	
10	a		Morn.	6 41	8 5	Sharp froſty air,
11	b		1 6	7 28	9 7	and great rimes.
12	c		2 32	8 16	10 19	△ ♄ ☿
13	d	Lucy V.	3 58	9 3	11 10	Freezing winds,
14	e		5 26	9 51	0 A 2	rain, or ſnow.
15	f		6 48	10 40	1 3	♂ ☉ ♂
16	G	3 S. in Advent	☽ ſets.	11 29	1 53	♂ ♂ ☿
17	a		4 7	0 A 20	2 42	
18	b		5 1	1 8	3 20	♂ ☉ ☿
19	c	Ember Week	5 58	1 54	3 46	
20	d		7 0	2 40	4 14	Temperate wea-
21	e	St. Thomas	8 4	3 23	4 41	ther for the
22	f		9 10	4 6	5 22	ſeaſon.
23	G	4 S. in Advent	10 18	4 48	5 58	
24	a		11 28	5 32	6 45	♂ ♃ ☿
25	b	Chriſtmas Day	Morn.	6 16	7 33	Froſty weather,
26	c	St. Stephen	0 40	7 2	8 32	but fair for the
27	d	St. John	1 56	7 51	9 36	♂ ☉ ♃
28	e	Innocents	3 15	8 44	10 46	moſt part.
29	f		4 35	9 40	11 57	
30	G	1 S. aft. Chriſt.	5 56	10 40	Morn.	
31	a	Silveſter.	7 16	11 42	2 6	

Old Style. New Style.

The { 4th Day, at 1 Morn. *Mars*; 7th Day, at 9 Morn. *Saturn*; 17th Day, at 1 Morn. *Mercury*; 17th Day, at 10 Night, *Jupiter*; 19th Day, at 7 Night, *Venus*; 30th Day, at 10 Night, *Mars* } is with ☽.

D.	D.	Moon's Signs.	Sun riſes.	Sun ſets.	Days decr.	Phyſical Obſervations.
20	1	throat	8 2	3 58	8 26	water, would cure moſt
21	G	arms	3	57	30	diſeaſes; and there ſeemeth
22	3	ſhould.	4	56	33	to be a great deal of truth
23	4	breaſt	5	55	35	in what he aſſerted.
24	5	ſtomach	6	54	37	For faſting will give
25	6	heart	7	53	38	time to the ſtomach to
26	7	back	8	52	39	unload itſelf of the cauſe
27	8	bowels	9	51	40	of diſtempers; the cauſe
28	G	belly	10	50	42	of all diſeaſes being be-
29	10	reins	10	50	43	gun in that bowel only,
30	11	and	10	50	44	to the cleanſing of which
Dec. 1	12	loins	11	49	45	the drinking of water plen-
2	13	ſecret	11	49	46	tifully will much contri-
3	14	memb.	12	48	46	bute, which alſo will keep
4	15	hips	12	48	47	the action of the ſtomach
5	G	and	12	48	47	upon the hinges, by filling
6	17	thighs	12	48	47	it when empty; at which
7	18	knees	12	48	47	time there will be need of
8	19	hams	13	17	48	reſt, for thereby the body
9	20	legs	13	17	48	will be leſs fit for buſineſs;
10	21	and	13	17	48	though the mere drinking
11	22	ancles	13	17	48	of water, which affords
12	G	feet	13	17	49	nouriſhment ſufficient for
13	24	toes	13	17	49	the growth and ſupport
14	25	head	13	17	50	of all vegetables, in
15	26	face	12	48	Day 1	ſome meaſure ſupply the
16	27	neck	12	48	incr. 2	want of food.
17	28	and	12	48	3	
18	29	throat	12	48	4	
19	G	arms	11	48	5	
20	31	ſhould	8 10	3 48	0 6	

A TABLE

A TABLE of ſome principal fix'd Stars, with the Time they riſe, ſouth, and ſet, either before or after the ſeven Stars; as alſo their Colour, Magnitude, and meridian Altitude, by which they may be readily diſcover'd.

Colour.	Mag.	Alt.	Names of the Stars	Riſe. H.	M.	South. H	M	Sets. H.	M.
♂	1	53	*Aldebaran, or Bull's Eye*	1 *a*	34	0 *a*	48	0 *b*	0
♄ ♃	1	29	*Left Foot of Orion*	4	31	1	31	1	34
♃ ♄	2	36	*Middle * in Orion's Belt*	4	13	1	51	0	35
♂ ☿	1	45	*Right Shoulder of Orion*	3	23	2	8	0	8
♀ ♂	1	21	*Sirius, the great Dog*	6	51	3	1	0	48
♂	2	43	*Procyon, the little Dog*	5	33	3	53	2 *a*	7
♂ ♀	2	30	*Heart of Hydra*	8	39	5	41	2	44
♃ ♂	1	51	*Regulus, Lion's Heart*	7	26	6	21	5	16
☿	1	54	*Deneb, the Lion's Tail*	8	42	7	54	7	7
♀ ♂	1	28	*Virgin's Spike*	12	46	9	38	6	36
♂ ♃	1	58	*Arcturus*	10	47	10	30	10	12
♂	1	12	*Antares, Scorpion's Heart*	17	36	12	39	7	42
♄ ☿	2	46	*Bright Star of the Vulture*	17	38	16	3	9 *b*	27
♀ ☿	1	8	*Fomahant*	1	14	16	11	10	37
♃ ♀	2	65	*Head of Andromeda*	19	43	20	19	2	56

THE brighteſt of the ſeven Stars is of the third Magnitude, and hath 61 Degrees of meridian Altitude, and in Colour participates of the *Moon* and *Mercury*.

2. The fix'd Stars all riſe, ſouth, and ſet about four Minutes ſooner every Night, than they did the Night before. This conſider'd, the exact Time of their riſing, ſouthing, and ſetting, for any intermediate Night, not herein noted, may be very eaſily deduced from this Table, by Inſpection only.

To know the Time of the riſing, ſouthing, and ſetting of any Star in this Table, for any Day requir'd, it is but conſidering how many Hours and Minutes that Star riſes, ſouths, or ſets, either before or after the ſeven Stars, on that Day, and you ſhall have your Deſire; obſerving, that in this Table *a* ſtands for *after*, and *b* for *before*.

FINIS.

SAUNDERS, 1770.

The SECOND PART.

1. Containing a curious Chronology from the Creation of the World to this Time.

2. The Riſing, Southing, and Setting of the Seven Stars, and other Stars of Note, whereby the Hour of the Night may be found at any Time of the Year, as readily as the Hour of the Day is by the Sun.

3. An Account of the Eclipſes this Year, and of the Sun's Entrance into the four Cardinal Points, by which he conſtitutes the Four Seaſons of the Year.

Of the Characters of the Twelve Signs, and what Part of the Body they are ſaid to Govern.

North Signs.		*South Signs.*	
♈	Aries, *Head and Face*	♎	Libra, *Reins & Loins*
♉	Taurus, *Neck and Throat*	♏	Scorpio, *Secrets*
♊	Gemini, *Arms & Should.*	♐	Sagittary, *Thighs*
♋	Cancer, *Breaſt & Stom.*	♑	Capricorn, *Knees*
♌	Leo, *Heart and Back*	♒	Aquarius, *Legs*
♍	Virgo, *Bowels and Belly*	♓	Piſces, *Feet.*

The Characters of the Planets, with the Dragon's Head and Tail.

Superior Planets.			*Inferior Planets.*	
♄	Saturn	☉ the Sun	♀	Venus
♃	Jupiter		☿	Mercury
♂	Mars		☽	Moon
☊	Dragon's Head.		☋	Dragon's Tail.

The Characters of the Aſpects.

☌ Conjunction	☍ Oppoſition	□ Square
✶ Sextile		△ Trine

A Compendious Chronology of Memorable Things since the Creation to this present Year.

A.P.J.	*before Christ*		*Years since*
710	4004	The Creation of the World	5774
1766	2948	*Noah* born	4718
2366	2348	*Noah*'s Flood began	4118
2481	2233	The *Babylonian* Monarchy established	4003
2718	1996	*Abraham* born	3766
2986	1728	*Joseph* sold into *Egypt*	3498
3143	1571	*Moses* born	3341
3223	1491	The *Israelites* Departure out of *Egypt*	3261
3530	1184	*Troy* taken and destroyed by the *Greeks*	2954
3710	1004	*Solomon*'s Temple built and dedicated	2774
4126	588	*Jerusalem* and the Temple destroyed	2358
4176	538	*Daniel* delivered from the Den of Lions	2308
4198	516	The Temple of *Jerusalem* rebuilt	2286
4391	323	The Death of *Alexander the Great*	2093
4710	4	The true Year of *Christ*'s Birth	1774
4714	0	The vulgar Year of *Christ*'s Birth	1770

A.D.		
33	The Passion and Resurrection of *Jesus Christ*	1737
70	*Jerusalem* and the Temple destroyed by *Titus*	1700
100	St. *John*, the last of the Apostles, dies, *Dec.* 29.	1670
313	Christianity triumphs under *Constantine*	1457
470	*Augustulus*, the last *Roman* Emperor, deposed	1300
606	The wicked *Phocas* makes Pope *Boniface* Head of the Church	1164
608	*Mahomet* broaches his Imposture at *Mecca*	1162
872	*Italy* and *Rome* plundered by the *Saracens*	898
1012	*Swain*, King of *Denmark*, conquers *England*	758
1066	*William*, Duke of *Normandy*, conquers *England*	704
1110	Arts and Sciences taught in *Cambridge*	660
1119	The first War between the *French* and *English*	651
1300	The *Mariners* Compass invented	470
1330	The *Canaries* discovered by an *English* Ship	440

A.D.

A. D.		Years since.
1380	Gunpowder and the Uſe of Guns firſt found out	390
1453	*Conſtantinople* taken from the *Chriſtians*	317
1463	The *Perſians* conquered by *Tamerlane*	307
1500	*Rome* plunder'd by the Duke of *Bourbon*	270
1517	*Martin Luther* firſt diſputed againſt Popery	253
1536	*England* ſeparated from the Church of *Rome*	234
1588	The *Spaniſh Armada* defeated by the *Engliſh*	182
1603	Q. *Eliz.* died, *March* 24. and K. *James* I. began	167
1604	Died of the Plague in *London* in 2 Years 68,596	166
1605	Gunpowder Treaſon *Nov.* 5.	165
1613	The New-River Water brought to *London*	157
1618	The Excellent Sir *Walter Raleigh* beheaded	152
1625	K. *James* I. died, K. *Charles* I. began *March* 27.	145
1625	35,417 Perſons died of the Plague in *London*.	145
1641	The Cruel *Iriſh* Maſſacre, began *October* 23.	129
1643	*Burleigh-Houſe* Stormed by *Cromwel*, *July* 24.	127
1649	K. *Charles* I. barbarouſly Murdered, *January* 30.	121
1660	K. *Charles* II. Reſtor'd *May* 29.	110
1665	68,586 Perſons Died of the Plague in *London*.	105
1666	*London* Burnt, and a great Sea-fight with the *Dutch*.	104
1672	War declared againſt the *Dutch*, *March* 17.	98
1674	A great Snow for 11 Days together.	96
1675	The Town of *Northampton* Burnt, *September* 3.	95
1680	A great and ſplendid Comet appear'd.	90
1684	The great Froſt that held 13 Weeks.	86
1685	K. *Charles* II. died, *Feb.* 6. and K. *James* II. began	85
1685	The Duke of *Monmouth* Beheaded, *July* 15.	85
1688	Seven Biſhops ſent to the *Tower*, *June* 8.	82
1688	King *James* II. Abdicated, *December* 12.	82
1689	King *William* and Q. *Mary* Crown'd *April* 11.	81
1692	The *French* Fleet entirely defeated by the *Engliſh*	78
1698	*Whitehall* Palace entirely deſtroyed by Fire except the *Banqueting Houſe*	72
1702	K. *William* died, *March* 8. and Q. *Anne* began	68
1702	Q. *Anne* proclaimed War againſt *France*, *May* 4.	68
1703	A great and terrible Wind, *November* 26. and 27.	67
1704	*Gibraltar* taken by the *Engliſh*	66
1707	*England* and *Scotland* united, *May* 1.	63
1710	Riots and great Diſturbances in *England*	60
1714	Q. *Anne* died *Aug.* 1. and K. *George* I. began	56

A Table of ſome principal Fixed Stars, with the Time they riſe, ſouth, and ſet, either before or after the Seven Stars, as alſo their Colour, Magnitude, and Meridian Altitude, by which they may be readily diſcovered.

Colour	Alt.	Mag.	Names of the Stars.	Riſe h. m.	South h. m.	Sets h. m.
♂	53	1	*Aldebaran or Bull's Eye*	1a34	0 48	0b0
♄ ♃	29	1	*Left Foot of Orion*	4 31	1 31	1 34
♃ ♄	30	2	*Middle * in Orion's Belt*	4 13	1 51	0 35
♂ ☿	45	1	*Right Shoulder of Orion*	3 23	2 8	0 8
☿ ♂	21	1	Syrius *the great Dog*	6 51	3 1	0 48
♂	43	1	Procyon *the little Dog*	5 33	3 53	2 7
♄ ☿	30	2	*Heart of Hydræ*	8 39	5 41	2a44
♃ ☿	51	1	Regulus *Lyon's Heart*	7 26	6 21	5 16
☿	54	1	*The Lyon's Tail Deneb.*	8 42	7 54	6 0
☿ ♂	28	1	*Virgin's Spike*	12 46	9 38	7 36
♂ ♃	58	1	*Arcturus*	10 47	10 30	10 12
♂	13	1	*Antares the Scorpion's H.*	17 36	10 39	7 42
♄	46	2	*Bright Star of the Vulture*	17 38	16 3	9 27
☿ ☿	6	1	*Fomahaut*	1 10	16 11	10 37
♃ ☿	65	2	*Head of Andromeda*	19 33	0 11	2 59

THE brighteſt of the Seven * is of the third Magnitude, and hath 61 Degrees of Meridian Altitude, and in Colour participates of the ☽ and ☿.

The fixed Stars all riſe South, and ſet about 4 Minutes ſooner every Night than they did the Night before. This conſidered, the exact Time of their Riſing, Southing, and Setting, for any intermediate Night not herein noted, may be very eaſily deduced from theſe Tables, by Inſpection only.

To know the Time of the Riſing, Southing, and Setting of any Star in this Table, for any Day required, it is but conſidering how many Hours and Minutes that Star riſes, ſouths, or ſets, either before or after the Seven Stars on that Day, and you will have your Deſire; obſerving, that, in this Table, a ſtands for after, and b for before.

Of

Of the four Quarters of the Year.

SPRING.

THE pleaſant Seaſon of Spring, at whoſe Return all Things begin to look freſh and flouriſhing, hath its Beginning this Year on *Tueſday* the 20th of *March*, at 12 o' Clock in the Morning. The Strength of Men, as well as the Year, is now renewed. As the Night loſeth her Regency, the Days encreaſe, and ſhew a happy Reſurrection of all Things growing upon Earth.

Man chearfully now views th' enamell'd Fields,
Which many ſweet Delights unto him yields;
There grows the beauteous Flower, whoſe fragrant Scent
Raviſh our Senſe, and gives the Soul Content:
Melodious Birds are chanting ev'ry where,
And with ſweet Harmony delight the Ear;
So ſhrill the Muſic of their charming Throats,
That Rocks return the Echo of their Notes.

The Spring Seaſon is the moſt temperate Time of the Year, and the leaſt Breeder of Diſeaſes that prove mortal; but is a very proper Seaſon to remove Sickneſs and Griefs got before, and alſo to avoid and prevent what might otherwiſe follow: The Senſes and Spirits of Man, and all other Creatures, are now quickened and revived, and therefore the Humours which do abound, and are more forward to oppreſs Nature, are fit to be emptied and avoided, whether by Bleeding, Purging, or otherwiſe, as the Cauſe of the Diſeaſe requires.

SUMMER.

This Quarter takes its Beginning when that mighty Luminary the Sun, being mounted on his *Apogæan* Chair of Honour, is removed to his greateſt Northern Diſtance from the Equator, making to us the longeſt Days, and ſhorteſt Nights, which Point of Time happens this Year on *Thurſday* the 21ſt Day of *June*, at 12 in the Morning. This Quarter is naturally hot and dry, and favourable to aged People, but debilitates Youth. When this Seaſon is very dry, with frequent North Winds, and the ſucceeding *Autumn* proves rainy, there will be an Increaſe of Conſumptions, Pains in the Stomach and Head, with Coughs, Rheums, and Hoarſeneſs, the Winter following.

AUTUMN,

Or the Harveſt Quarter, begins at the declining Equinox, when the Days and Nights are again equal all the World over, as at the Beginning of the Spring. This Seaſon always commences when the Sun appears to touch the firſt Point of *Libra*, which it does this Year on the 23d Day of *Sept.* at 12 in the Morning. The *Jews* own this for the firſt Quarter of the Year, or the Seaſon in which the World was created, becauſe Trees are now perfect in their Fruits, and the Scripture ſays, *The Earth brought forth the green Herb, yielding Fruit according to its Kind.*

Hippocrates calleth this Quarter the Mother and Nurſe of deadly Diſeaſes, becauſe of the Intemperature and variable Conſtitution of the Weather: And *Galen* ſaith it is the moſt peſtilential and dangerous Time of all the Year. Now the Pores of the Body are opened by a falſe Spring Heat, then ſuddenly cloſed again by Autumnal Colds, ſo that many dangerous Diſtempers are now ingender'd; ſuch as ſharp Fevers, Vertigoes, Apoplexies, Lethargies, Palſies, Innatious Madneſs, windy Diſtempers, Obſtructions, and the like. Which to prevent, proper Evacuations muſt be uſed, alſo comfortable and wholeſome Diet. Avoid Exceſs of Liquors of any Kind, and beware of taking cold.

WINTER.

This Quarter is the chiefeſt Foe to the *Spring*, the Diſgrace of *Summer*, and the great Devourer of the fruitful Harveſt. It takes its Beginning this Year on the 21ſt Day of *December*, at 6 in the Morning. The *Sun* is now in his greateſt Declination towards the *South*, which maketh this Seaſon cold and moiſt, cauſing Superfluities; the Pores of the Body are now cloſed up, and the vital Heat draweth inwards to comfort and ſupport the Spirits, which cauſeth a greater Appetite to Meat and Drink than at other Times.

A neceſſary Table, ſhewing what Part of Man's Body is governed by every Planet in any of the twelve Signs 1770.

♄	♃	♂	☉	♀	☿	☽
♈	Breaſt Arms	Neck Throat Heart Belly Head	Belly Head	Thighs	Reins Feet	Secrets Legs	Knees Head
♉	Heart Breaſt Belly	Should. Arms Belly Neck	Reins Throat	Knees	Secret Memb. Head	Thighs Feet	Legs Throat
♊	Belly Heart	Breaſt Reins Secrets	Secrets Arms Breaſt	Legs Ancles	Thighs Throat	Knees Head	Feet Should. Arms Thighs
♋	Reins Belly Thighs	Heart Secrets Thighs	Breaſt Thighs	Feet	Knees Should. Arms	Legs Throat Eyes	Head Breaſt Stom.
♌	Secrets Reins	Belly Thighs Knees	Knees Heart Belly	Head	Legs Breaſt Heart	Feet Arms Should. Throat	Throat Stom. Heart
♍	Thighs Secrets Feet	Reins Knees	Legs Belly	Throat	Feet Stom. Heart Belly	Head Breaſt Heart	Arms Should. Bowels
♎	Knees Thighs	Secrets Legs Head Eyes	Feet Reins Secrets	Should. Arms	Head Small Guts	Throat Heart Stom. Belly	Breaſt Reins Heart Belly
♏	Knees Legs	Thighs Feet	Head Secrets Arms Thighs	Breaſt Heart	Throat Reins Secrets	Should. Arms Bowels Back	Stom. Heart Secrets Belly
♐	Feet Legs	Head Knees Thighs	Throat Thighs Hands Feet	Heart Belly	Should. Arms Secrets Thighs	Breaſt Reins Heart. Secrets	Bowels Thighs Back
♑	Feet Head	Legs Neck Eyes Knees	Arms Should. Knees Legs	Belly Back	Breaſt Heart Thighs	Stom. Heart Secrets	Reins Knees Thighs
♒	Neck Head	Feet Arms Should. Breaſt	Breaſt Legs Heart	Reins Secrets	Heart Knees	Bowels Thighs Heart	Secrets Legs Ancles
♓	Arms Should. Neck	Head Breaſt Heart	Heart Feet Belly	Secrets Thighs	Belly Legs Neck	Reins Knees Secrets	Thighs Feet

The Uſe and Reaſon of the Table on the other Side.

IT was near Four Years after I had ſtudied Aſtrology, before I could find any Reaſon why the Planets in every of the Twelve Signs ſhould ſignify the Members as mentioned in the preceding Table; at laſt reading the 88 Aphoriſms of *Hermes*, I underſtood the Meaning of it, *viz. Erit impedimentum circa illam partem corporis quam ſignificat ſignum quod fuerit nativitatis tempore impeditum*; There will be ſome Impediment in or near that Part of the Body, which is ſignified by the Sign that ſhall be afflicted at Time of the Birth. The Uſe of all comes to thus much.

That if you would know where any Diſeaſe is, I mean in what Member of the Body, ſee in what Sign the Significator of the ſick Party is, and what Part of Man's Body that Planet ſignifies in that Sign, which you may do by the former Table, in that Member or Part of the Body where you ſhall ſay the ſick Party is grieved or diſeaſed.

As for Example; if ♄ be Significator of the ſick Party, and at the Time of your Queſtion in the Sign ♊; have recourſe to your Table on the other Side, and you ſee ♄ in ♊ ſignifieth a Diſeaſe in the Belly or Heart, *&c.* Do ſo in the reſt.

Now the Reaſon of this Signification of every Planet in ſuch or ſuch a Sign is this.

Every Planet in his own Houſe or Sign governeth the Head; in the ſecond Sign from his Houſe the Neck; in the third Sign from his Houſe the Arms and Shoulders; and ſo ſucceſſively through the Twelve Signs: as ♄ in Sign ♑ ruleth the Head; in ♒ the Neck; in ♐ Arms and Shoulders: ſo ♃ in ♐ ruleth the Head, in ♑ the Neck, in ♒ the Arms and Shoulders.

The ☽ obſerves the ſame Order as the reſt; yet the *Arabians*, from whom this Learning is, do allow her in ♈ the Head as well as the Knees; the Head, becauſe *Aries* ſignifies ſo much; the Knees, becauſe *Aries* is the ninth Sign from *Cancer*. You may obſerve this in the Marks of Man's Body, and make ſingular Uſe of it; ever remembering this, the more the Sign is vitiated the greater Mole or Scar, or the nearer to an Azimene, pitted or deficient Degree of Sign, the ſtronger is Deformity and Sickneſs.

The Virtues of our Univerſal Pills, which are prepared and ſold by Edward Sharpe, *of Stamford, Lincolnſhire.*

I. THESE Pills are a certain Cure for the Scurvy, Dropſy, and Gout. They cure the Scurvy (the chief reigning Diſeaſe in this Kingdom,) when it is grown ſo bad as to become ſcandalous, ſo as many People think it to be the Pox.

II. For the Scurvy often cauſes great Pains in the Head, Noſe, Shoulders, Legs and Bones, with other Pains all over the whole Body, Dulneſs, Heavineſs, with reddiſh or blueiſh Spots, or Breakings out in the Skin, Weakneſs in the Back and Loins, a bad Stomach, and ſometimes Loſs of Appetite, Looſeneſs and Soreneſs of the Teeth and Mouth, a general Weakneſs and Faintneſs all over the Body, inſomuch that at laſt it gets into the Bones and infects the very Marrow of them: this cruel Diſeaſe theſe Pills cure at a few Times taking.

III. They wonderfully cure the Dropſy and Gout, ſpeedily taking away the Water in the one, and the Pain in the other, though never ſo great, and beyond Expectation; giving preſent Eaſe and Comfort, working gently by Stool and Urine, and ſometimes by Vomit, if the Stomach be very foul; thereby curing moſt curable Diſeaſes: by theſe Pills we have cured Hundreds of Perſons both of Dropſies and Gouts, and that in a very ſhort Time: ſome have been given over as incurable, others have gone above a Dozen Years upon Crutches; and I never heard to this Day that they ever miſſed the Cure of one Perſon. I have uſed them near Forty Years.

IV. They are admirably good againſt Conſumptions, not ſo much from their adding of Matter as by taking away the Obſtructions which hinder the Nouriſhment from going to its reſpective Parts: in which Diſeaſe, as alſo in the King's Evil, whether in old or young, they have ſcarcely been known to fail.

V. Theſe Pills are an excellent Head Purge for all Diſeaſes therein; as Head-ach, Megrim, Vertigo or Giddineſs, Lethargy, Frenzy, Dimneſs of Sight, Rheums in the Eyes, *&c.* beyond any Medicine ever yet known.

They are an excellent Help againſt Vapours, Cloggings, Stuffings, Gnawings or Illneſs at Stomach, for ſuch as grow too fat, ſweat or ſpit much, have coſtive or hot Bodies, and

and for all ſuch as have loſt their Complexion by the Scurvy, Jaundice or Green Sickneſs, ſuch as are overtaken with lingering Diſeaſes growing worſe and worſe every Year than other, with Stoppages in the Head and Breaſt, Melancholy, Shortneſs of Breath and ill Digeſtion, till ſuch Time as they fall into Dropſies, the hectic Fever, or deep Conſumption, and waſting away with dry Coughs and Wheezings. Theſe our Pills carry off all thoſe Diſeaſes the right Way by taking them twice or thrice a Month.

VI. They purge by Stools, Phlegm, Choler and Melancholy, they diſpoſe old Ulcers, Fiſtula's, running Sores, ſore Breaſts, ſore Eyes, ſcald Heads, King's-Evil-Sores, Gangrenes, Cancers, Tetters, or any other Breakings out, as Puſhes, Boils, Wheals, to a ſpeedy Healing, by purging away the ill Humours which feed them.

VII. Theſe Pills are of excellent Uſe for all Travellers againſt Fevers, Agues, Scurvies, Surfeits, Poxes, *&c.* So that more can ſcarcely be done by a purging Medicine. Theſe Pills are an incomparable Remedy againſt the French Scurvy, all Diſeaſes venereal, the Heat, Pain, and Sharpneſs of Urine, although of many Years ſtanding; performing every Thing of this kind with great Speed, Eaſe, Safety, and Security.

VIII. They are an excellent Remedy againſt all manner of Colds, Coughs, Rheums or Diſtillations, Shortneſs of Breath, ſtinking Breath, Vomiting, Weakneſs of the Stomach, Want of Appetite, Pleuriſies, Pains of the Side, Spitting of Blood; ſuddenly and ſtrangely eaſing of Pains proceeding from Wind, Colds, Surfeits, or any other Cauſe whatſoever.

IX. They cure Fevers and Agues of all Sorts, ſometimes in Three Weeks, ſometimes in Fourteen Days, and ſometimes in leſs Time, although of two or three Years ſtanding and given over by all Phyſicians, and when almoſt every one thought the Hope of Recovery had been paſt.

X. They kill all Sorts of Worms to a Miracle both in old and young, cauſe a good Appetite and a ſtrong Digeſtion; they are one of the beſt Remedies in the World againſt the Dropſy and Gout, taking away all Swellings from the Belly, Thighs, and Legs, and all manner of Pains from the very Bones, when no other Means whatſoever will do.

XI. They diſſolve the Stone and bring away Slime, Sand, and Gravel from the Reins and Bladder, taking away Stop-

pages

pages of Urine, and causing those to make Water plentifully, who could not in some Days before: This they have done in several Hundreds to Admiration.

XII. They are a certain Cure for the Falling Sickness, Convulsion, Apoplexy, Palsy, Cramp, Lameness, Weakness of Limbs, Jaundice, Sciatica, and all manner of running Pains whatsover in any Part, insomuch that many Bed-rid and given over to all Appearance, have unexpectedly met with Cure almost to a Miracle; so that many learned Physicians could not but admire at their Virtues.

XIII. These Pills cure Barrenness, bringing down the Terms, strengthening a weak Back, help Fits of the Mother and other Diseases belonging to that Sex; they expel Wind, are admirable against the Colic, and many seemingly at the Point of Death have met with a present Remedy.

XIV. These Pills are a powerful Remedy against the Rickets in Children, the Green Sickness in Virgins, and all manner of Stoppages in the Head, Liver, Spleen, Reins, Womb, and Pains in the Bowels; they purify, cleanse, and sweeten the Blood, rectify all Distempers of the Head, quicken the Senses, clear the Eye-sight, add a good Colour to the Face, and make the Body able to withstand Diseases.

XV. These Pills are the chief Medicine now used in the Cure of all the aforesaid Diseases, not only in *England* but in many foreign Countries and Kingdoms, being cried up and prized above all other Medicines whatsoever, insomuch that in some Thousands of Families on most Occasions they are their only Physic, being known to be safe in Operation, and certain in the End proposed; for no Person curable, troubled with any of the aforesaid Diseases, has failed of Cure, who has continued (without Delay of Time, or taking any other Physic,) the Use of these Pills according to the Directions following. All that ever we knew take these Pills have found good at the first Time taking, and several Hundreds, yea Thousands of People who have taken them, have given them this Commendation.

XVI. They cleanse the Body of Wind, Water, and ill Humours, without the least griping or making sick, unless the Stomach be very foul; or any way weakening the Body; which done they cease working, for they will work no longer than there is diseased Matter to work on; but contrariwise help all inward

inward Waſting or Decays of Nature, ſtrengthen weak Backs cauſed through Pains, Wrenches, or over-ſtraining; they ſtop all Weepings, Moiſture, Whites, *&c.* by carrying the Humour another Way, ſtrengthening the Veſſels, fortifying Nature, *&c.* and reſtoring the decayed Parts even to a Wonder.

XVII. Our Succeſs in the Uſe of them, and their Safety, has brought them into Eſtimation in many Parts of the World; for as much as they that take theſe Pills need not go under long, dangerous, and chargeable Courſes of Phyſic, ſuffer by bad Medicines, and be driven Time after Time from one Phyſician to another.

XVIII. When the Diſeaſe is of long Continuance, a perfect Cure cannot be expected in a few Times taking; in thoſe Caſes you may take them in the largeſt Doſe, at leaſt Ten, Fifteen Times, or more, as you ſee Cauſe, they being ſafe and gentle in their Operation, and fit to be taken by all Perſons from two Years old to threeſcore and upwards, at any Seaſon of the Year: and it is obſervable that theſe Pills, after four or five Times taking, keep the Bowels open for a Month together, whereby Diſeaſes ſeem to melt away almoſt inſenſibly.

XIX. This Medicine is of an admirable and friendly Quality, performing all its Operations as Nature herſelf requires; they ſometimes purge gently, ſometimes work gently by Vomit, ſometimes by Urine, and ſometimes by all thoſe Ways, according as Nature herſelf is diſpoſed to the Action, though chiefly by Stools, ſo that they are not bound to any particular Way of Operation, but that which may beſt ſerve Nature's End in reſtoring Health. Hence it is that they not only cure Diſeaſes of the Humours, as the Scurvy, Gout, Surfeit, eaſe all manner of Pains, *&c.*

XX. But they rectify Diſtempers of the Spirits, taking away Heavineſs, Dulneſs, Melancholy, and the like, performing all their Operations with great Safety, Speed, and Eaſe, being fitted for all Perſons of what Age, Sex, or Conſtitution ſoever. If there be but little Corruption in the Body, they bring forth little; if much, they bring forth much: and in Perſons perfectly well they will ſcarcely work at all, becauſe in ſuch they have no Enemy to meet with.

XXI. Theſe Pills are cheap, ſafe, eaſy, approved Helps, and free from the leaſt Danger, yet very effectual to all the afore-

aforementioned Intentions, performing what is here ſpoken of without Hazard of Body, Money, or Expectation, as ſome Thouſands in this Kingdom can upon their Knowledge teſtify: they will keep many Years good, and will work all their good Effects as well after a Length of Time as now.

XXII. The Way of uſing them.—Theſe Pills may either be ſwallowed down alone, or taken in the Pap of an Apple, or Honey, or a ſtewed Prune, or in a little Sirup, or bruiſed and taken in a little Beer, Ale, Wine, or Broth, as every one likes beſt, and ſo taken early in the Morning, or late at Night going to Bed, without Obſervation of any other Order, only take Heed of getting Cold.

XXIII. From two Years old to three or four, you may give one Pill; from four Years old to ten, you may give two or three Pills; from ten to ſixteen, you may give three or four Pills; and from ſixteen Years of Age to threeſcore and upwards, you may ſafely give five or ſix Pills: you may begin with a little Doſe firſt, and ſo encreaſe it as you find the Body is in Strength. They may be had of *Edward Sharpe*, who lives on *St. Peter's Hill*, in *Stamford*, *Lincolnſhire*.

XXIV. The aforeſaid *Edward Sharpe* doth give Judgment upon Urine, or, as they vulgarly call it, caſting of the Water; or otherwiſe, if they can give him the Day of the Month that they were born of, with the Date of the Year, without knowing or ſeeing them, he can tell their Illneſs as well by that as by their Urine. And he doth likewiſe prepare Medicines in order to cure them if curable, if they be pleaſed to make uſe of him.

The Tincture of ANTIMONY *compound.*

I. THe Tincture of Antimony is one of the moſt excellent of Medicines, a ſtrong and powerful Cordial, a great Purifier of the Blood, reſiſting all Diſeaſes proceeding from Putrefaction, to which it is ſo great an Enemy that it will not ſuffer any Impurity to remain in the Blood.

II. It opens Obſtructions, attenuates Slime and tartarous Humours in any Part of the Body, and ſtrongly provokes Sweat, it removes all Stoppages whatſoever in all the principal Parts, as Liver, Spleen, Gall, Meſentery, Womb, Hypochonders, and Bowels, and ſends out the offending Matter by Urine, Sweat, and the Emunctories; it gives Eaſe in the Colic, provokes the Terms, and cures the Green Sickneſs; but theſe laſt it does more powerfully if mixed with a fit Proportion of Tincture of Mars.

III. It

III. It is powerful againſt the Palſy, Apoplexy, Epilepſy, Vertigo, Lethargy, and all Diſeaſes of the Brain and Nerves proceeding from Cold and Moiſture, and cures the Plague, and all peſtilential and malignant Fevers to Admiration, if given in a proper Vehicle, and is indeed one of the greateſt Antifebritics in the World. It provokes the Terms if given in a fit Seaſon.

IV. It is a Specific againſt Melancholy, Pleuriſies, all Sorts of Fevers, Coagulation of the Blood, Gout, Rheumatiſms, Scurvy, Meaſles, Small-Pox, and the like, powerfully expelling them by Sweats. It reſiſts Poiſon, and is a powerful Antidote againſt all Contagion whatſoever.

V. It wonderfully ſtrengthens the Heart and Stomach, reſtoring a loſt Appetite and cauſing a good Digeſtion; and although a hot Medicine yet it ſenſibly abates the preternatural Heat of the Blood, as is evident when it is given in all vehemently hot burning Fevers wherein the Heat vaniſhes like Lightening; it is certainly a moſt excellent Remedy againſt the greateſt and moſt inveterate Diſeaſes.

VI. It is truly a great Cordial in all fainting and ſwooning Fits, Sickneſs at Heart, cold Sweats, *&c.* vaſtly beyond all the cold Slip Slop vulgarly preſcribed by Phyſicians.

VII. The Doſe and Manner of taking it.—You may take it from ten Drops to twenty, thirty, forty, fifty, or ſixty, and when given to ſweat, you may give from a Drachm to a Drachm and a half: you may give it in a Morning and Evening for ten, twenty, or thirty Days together: againſt all acute Diſeaſes you may give it either in Ale, Wine, or Mead. Price 5 *s. per* oz.

Of the Eclipſes this Year 1770.

THere will be only two Eclipſes, both of the Sun, and both of them inviſible in our Horizon: the firſt happens about ten Degrees of the airy Sign Gemini; this Eclipſe will fall on *Friday* the 25th Day of *May*, about half an Hour before One in the Morning.

The ſecond Eclipſe is likewiſe of the Sun, which will happen on *Saturday* the 17th Day of *November*, about a Quarter of an Hour after ten in the Morning; but the Moon's South Latitude, augmented by her Parallax, will be inviſible to us and all this Part of the Globe.

F I N I S.

Speculum Anni:

OR,

SEASON on the SEASONS,

For the Year of our LORD 1770.

BEING AN

ALMANACK

For the SECOND YEAR after

BISSEXTILE, or LEAP-YEAR.

WHEREIN

You will find all Things needful for such a Work: Sun and Moon's rising, and setting, Moon's Southing; Planets Places and Aspects; Eclipses; Judgment on the Weather, and on the Quarters; Monthly Poetry; New Æaigmas, and Philosophical Observations.

By HENRY SEASON,

Physician, Student in the Celestial Sciences, and an Investigator of Truth, near the DEVIZES.

He hath given me the Knowledge of the Stars.
Wisd. ch. vii.

Sol tibi Signa dabit, Solem quis dicere falsum
Audeat? VIRGIL Geo. Lib. i.

Readers, behold your SPECULUM new pen'd,
Which shou'd remind each of his latter End;
And wisely learn, perhaps this DIARY
May be the last I write, or thou may'st buy;
To rich Men, who in Pomp and Pleasure swim,
The Thoughts of DEATH most terrible do seem;
Not only DEATH, but its Associate, SIN.

The AUTHOR's Thirty Seventh Impression.

LONDON:
Printed by T. PARKER, for the Company of STATIONERS.
[Price NINE-PENCE Stitched.]

COURTEOUS READERS,

BY the Divine Aſſiſtance I once more ſalute thy Hands with one more SPECULUM; ('tis the 37th Impreſſion you ſee) and I believe I am the oldeſt Writer of any annual Book of this Sort, but I am not ſure. I have wrote ſtill in my own Name, not in the Name of ſome one dead 100 or 50 Years ago, and ſo have ſome Almanack vamp'd up in his own Name, by God knows who. Thirty-ſeven Years ſeem long to look forward, but to look back and reflect on, a mere Trifle; however, I ought, as I do, account it a great Bleſſing that it hath pleaſed Almighty God to lengthen out my Days to what they are, that I might in ſome Meaſure be ſerviceable in my Generation, both in Aſtronomy and Phyſic: In both I have given Satisfaction to a great Part of Mankind; for which Purpoſe I have ſpared no Labour nor Study, in Seaſon and out of Seaſon, to furniſh myſelf with all neceſſary Sciences, debarring myſelf of many Pleaſures, and often acting counter to my Profit; and to pleaſe my Friends, I have kept on my annual Writing, and underwent a vaſt Number of ſcurvy Abuſes, ſcandalous Affronts, and lying Aſperſions, by ſome powerful atheiſtical and malicious Enemies, many of which Death has ſilenced; and if I have any remaining, God forgive them, I fear them not, nor do I know them, neither do they know themſelves.

READERS, You may obſerve in theſe three Sheets, beſides ſhewing you how the Seaſons come on, here is to be found as much Variety on different Subjects as Room will admit, and that on ſome particular Theme or other of Novelty; nothing d ſn'd up old that has been inſerted ten or twenty Years, and yet called a NEW ALMANACK; ſuch as Intereſt Tables, Tables of Fix'd Stars, old Chronologies, juſt the ſame; ſo your old Almanacks tell you what you are to meet with in the new: Such Things pall the Fancy; new Things have ſome ſecret Charm in them. What gave me laſt Year ſome Diſguſt, and a great Uneaſineſs, was, to have ſo many ſeveral Letters from Bookſellers, and others, with Complaints that for many Years they could not purchaſe or procure half the Number of SPECULUMS they wanted. I heard the ſame two or three Years ago; one Man ſent for one or two Hundred, and had only three ſent. Some *Londoners* made the ſame Complaint; it is become an univerſal Grievance. What is

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the meaning of it is not come to my Knowledge; there is something unfair acted in the Dark: I ſcarce know to whom or what to aſcribe it. Thoſe who ſolv'd my Ænigma, their Names are as followeth: Mr. *Charles Rolt*, *Broombam*, a fine Scholar; Mr. *W.* Vicar of *Eaſton-Gray*; Mr. *Hitchcock*, of *Avebury*; Mr. *Ingram*, *White Pariſh*; Mrs. *Wallop*, *Caſtle-Coomb*; Mr. *Dyke*'s Daughter, of *Manningford*; Mr. *Fowler*, of *Stratton St. Margarets*; Mr. *Thomas Smith*'s Wife, of *Peaſon-Hall*, *Suffolk*; Mr. *Harvey Bradford*; Mr. *Fruefter Redburn*; Mr. *Robert Sanger*, *Slower Provoſt*, a Youth but twelve Years old.

Moſt that anſwer'd the Ænigma anſwer'd the Rebus; others I have forgot.

This Anſwer came from my ingenious Friend Mr. Fruefter, *of* Redburn-China, Wilts: *It came late; and as it deſerves a Place, having no Room elſe, I inſert it here.*

Narciſſus ſlighting *Echo*'s Love,
Raiſed her Notes loud and ſhrill;
And he, enamour'd with himſelf,
Pined to a Daffodil.
No Nymph was ever thus transform'd like ſhe,
We hear her Voice, but Perſon cannot ſee.

The firſt Anſwer I had in Verſe to my Ænigma *was from a new Contributor, one Mr.* Ingram, *of* White-Pariſh, *Wilts, in Acroſtic, as followeth.*

E-very ecchoing Voice praiſe the Lord,
C ry Hallelujah loud, with one Accord;
C-onfeſs with Joy what God did in ſending
H-is Beloved Son, thereby intending
O-ur Happineſs, all on thence depending.
Theſe Initials join'd, I venture to ſay,
Explains your fine Nymph as clear as the Day.

The next Anſwer that claims a Place I had from Mr. Hitchcock, *of* Avebury, Wilts, *with ſmall Correction.*

That Nymph nam'd *Echo* for Love has Diſdain
From youthful *Narciſſus*, who was ſo vain

As to be enamour'd with his own pretty Face;
And dy'd 'cauſe that Shadow he cou'd not embrace.

And by Mr. John Fowler, *of* Stratton St. Margaret's.

That vocal Nymph the Poets feign
For *Narciſſus*, with Love was ſlain.

The next from Mr. Dyke's *Daughter, of* Manningford, *with a little Variation.*

What is Fame, for which the Ambitious fight?
'Tis but an Eccho, if you take it right;
Virtue is what all wiſe Men do crave,
That's permanent, and bloſſoms in the Grave.

An Anſwer from the Wife of Mr. James Wallop, *of* Coomb, Wilts.

Having read your Riddle Time after Time,
I thought 'twou'd with an *Eccho* join.

An Anſwer from Mr. WILLIAM HARVEY, *of Bradford, Wilts.*

I fought your Ænigma, which was profound;
Until, at length, I heard an *Eccho* ſound.

Some ANSWERS *to my* REBUS.

The following from Mr. H. Gardner, *of* Peaſon-Hall, Suffolk, *which deſerves Preference.*

W-ater was old *Eve*'s Drink, and Fruit her Food,
I vy her Place of Shade in *Eden*'s Wood;
L-earning ſhe had enough, yet could not write,
K nowledge of God, that was her chief Delight:
E vil in Apple-eating, Death took Place;
S-atan the Sutter curs'd the human Race.
Theſe Initials make WILKES's *Name.*

Mr.

Mr. Hitchcock *of* Avebury's *Anſwer.*

W-ine will preſerve, but kills now and then one,
I-vy is ſeldom found growing alone;
L-earning is precious and worthy, moſt hold
K-nowledge preferable to Silver or Gold:
E vil may probably be the Diſeaſe,
S-weethearts at Fifteen pretty Girls will pleaſe:
Obſerve theſe Initials, you'll ſoon find the Name
Of a Man who by many is held in Eſteem.

The REBUS *anſwered by* Mrs. Mary Gregory, *of* Daventry.

W-ater's a good Servant, but ſometimes 'twill drown,
I-vy ſome other Tree alwavs clings round;
L-earning no Thief away from us can take,
K nowledge a ſhining Youth it will make;
E-ſquires in Priſon, to them a Diſeaſe;
S-ailors are bold, and ſome Girls they will pleaſe:
So *Wilkes* in theſe Lines you may ſee at your Leiſure,
Whom great Part of this Nation do look on with Pleaſure.

An Anſwer from Mrs. Wallop, *of* Coomb.

W-ine will preſerve Life, too much will deſtroy,
I vy a Tree ſeldom grows by itſelf;
L-ove's a Thing no Thief can take away,
K-nowledge Men ought to prize more than Pelf:
E vil join'd to a King found as a Diſeaſe,
S-weethearts at Fifteen pretty Girls will pleaſe.
Theſe Initials will, I am in no Doubt,
The Name of the famous WILKES make out.

Alſo by Mr. William Booth, *of* Annerty-Woodhouſe, Nottinghamſhire.

To anſwer your REBUS, I firſt preſume Wealth,
When ſought for, and Ivy, to grow by itſelf;

And find Learning as ſafe as a Lock in a Cheſt,
With King's Evil and Suitors to make up the reſt.
Theſe Initials connected make WILKES, if you try one,
That for Commonwealth is as bold as a Lion.

From Giles Ludlow Hankerton.

W—ealth will preſerve Life when us'd as it might,
I-vy's a Tree with others delight,
L-earning's a Thing no Thief can get by Stealth,
K-nowledge Men ſhould obſerve far beyond Wealth,
E-vil the Diſeaſe, no Doubt, you do mean,
S-tately when pretty Girls chooſe when Fifteen:
If *Rebus* miſtook, your Pardon I crave,
Know WILKES has been ſcandaliz'd by many a K—e.

A NEW REBUS.

The Name of a famous Land in the Weſt,
The Name of a Fruit with which *England* is bleſs'd,
What Life will preſerve, and alſo deſtroy,
What but few Mortals do ever enjoy;
In Childhood a Thing that oft lights on the Pate,
A Plague which ſome Men on themſelves do create;
A Word in which ſeven Nations do end,
Join theſe Initials there you ſee I pen'd;
The Name of a Thing that works in a Place
Where no Creature can live one Minute's Space,
Tell a Woman 'tis her, and ſhe'll fly in your Face.

The AUTHOR's TWENTY-FOURTH ÆNIGMA.

This Proverb when I often ſcan,
I find Nine Taylors make a Man;
So this Ænigma here of mine,
To make it right is form'd of Nine;
Ere it can be exact, diſplay'd,
Muſt crave the Help of foreign Aid;

Where-

Where-e'er it comes to ſhew its Face,
'Tis uſher'd in with chearful Grace;
In ANNA's Reign 'twas often ſeen,
But ever ſince more ſcanty been;
Once when a Tyrant reigned here,
To ſhew its Face it did not dare,
And ſtill has got an Enemy,
Ten times a Year that puts it by;
But maugre that, where-e'er it comes,
Its Rumour round the Pariſh runs:
Some view, ſome gaze, and at it ſtare,
Juſt as they wou'd at Blazing Star;
When *Sol* is ſeated in the *Crab*,
'Tis ſeldom ſeen, and rarely had.
Some Months ago, from Love or Pity,
It paid me a Viſit from a City,
Moſt richly form'd in gaudy Dreſs,
And I the ſame did much careſs;
I hope no Cenſure will me blame,
Yourſelf, I gueſs, would do the ſame.

My TWENTY-FIFTH ÆNIGMA.

WE are two Siſters, both of great Renown,
In ev'ry Kingdom, Country and Town,
Belov'd by Old and Young in ev'ry Age,
Tho' very few does know our Parentage;
We're ſo alike, you ſcarcely can diſcover
The one of us, at Diſtance, from the other;
Only one is more old, as the World knows,
And as her Years increaſe, ſhe ſtronger grows;
She's grave and ſolid, great in Dignity,
Over her Siſter bears Supremacy:
Where ſhe reſides, ſhe carries ſuch a Sway
That Kings to her do oft Obeiſance pay;
For ſhe than Kings does far the longer reign,
Her Subjects more, tho' not ſo large her Train.
The Younger, if we ſeek her Pedigree,
She's found reverſe, and full of Levity;
Capricious, Wantonneſs, with Folly mix;
A mere *Verumnus*, if not *Meretrix*.
Vaſt Numbers be that ſeek her Company,
To Rogues, and Rakes, or Jilts, ſhe's never ſhy;
With artful Trick, like them; ſhe will allure,
Till an evil *Genii* comes, and kicks her out of Door.

Query, Whether *Joshua*, as we read Chap x Ver. 12, understood the true *Copernican* System as all our modern Astronomers now embrace, but thought it most necessary and prudent to adapt his Way of Speaking to the Comprehension of the common People, by the vulgar Terms of Speech, as he did, to let them have an Idea of the great Miracle then work'd? Or did he understand only the *Ptolemaick* System, as so spake of it as he himself conceived it?

To my great Benefactor the Rt. Hon. the Earl of Shelburn.

With Arts oppressive whilst these Nations groan,
The Seas unguarded, and our Trade out-thrown,
Each antient Privilege preserv'd no more,
And Chains extended to the Western Shore;
From you, my Lord, your Country hopes Redress,
Your Hand can save us, and your Genius bless:
Rise then once more, abandon your Retreat,
We know you're Brave, now shew you can be Great:
To Men like you, who once espous'd her Cause,
This Country owes her Liberty and Laws;
Who nobly chose this Merit in their Graves,
The last of Freemen when the first of Slaves.

MICRO-CHRONICON.

	Years
SINCE *England* first the Christian Faith receiv'd	1699
Since *Mahomet* the Impostor Men deceiv'd	1168
Since Guns invented Mankind to destroy	308
Since learned *Rawleigh*'s Life was took away	152
Since the Kalender by *Gregory* was corrected	183
Since an *Indian* Weed most Mens Brains infected	118
Since good King *Charles* resign'd his royal Head,	121
Vertue and Justice then, like now, lay dead	
Since peerless *Newton* left this World behind	47
Since the Heavens with a strange Fire shin'd	
Since *Nicholas* dy'd, *Bromham*'s Ornament,	36
And Hospitality with him all went	
Since by *Macclesfield* our bad Style was mended,	18
But by some Dunces ne'er be comprehended	
Since I was cheated of Pence full Twenty-one,	
By a Methodist, but of Religion none;	1
His Name if you wou'd know, I'll tell you what,	
In *France* you may read it on a Flat.	

A TABLE of TERMS and their RETURNS.

Hilary Term begins Jan. 23, and ends February 12.

Returns or Essoign-Days.					
In eight days of St. Hilary,	Jan. 20	21	22	23	
From the day of St. Hilary, in 15 days,	27	28	29	30	
On the Morrow of the Purif. Bleff. Mary,	Feb. 3	4	5	6	
In eight days of the Purif. of Bleff. Mary,	9	10	11	12	

Easter Term begins May 2, ends May 28.

					May
From the day of Easter in 15 Days,	April 29	30	1	2	
From the day of Easter in 3 Weeks,	May 6	7	8	9	
From the day of Easter in 1 Month,	13	14	15	16	
From the day of Easter in 5 Weeks,	20	21	22	23	
On the Morrow of the Ascension,	25	26	27	28	

Trinity Term begins June 15, ends July 4.

On the Morrow of the Holy Trinity,	June 11	12	13	15	
In eight days of the Holy Trinity,	17	18	19	20	
From the Holy Trinity in 15 Days,	24	25	26	27	
From the day of the Holy Trinity in 3 Weeks	July 1	2	3	4	

Michaelmas Term begins Nov. 6, ends Nov. 28.

On the Morrow of All Souls,	Nov. 3	4	5	6	
On the Morrow of St. Martin,	12	13	14	15	
In eight days of St Martin,	18	19	20	21	
From the day of St. Martin, in 15 Days,	25	26	27	28	

N. B. No Sittings in *Weſtminſter-Hall* on Aſcenſion-day, Midſummer-day, and the 22 of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity before which it opens but four Days.

Note, That the firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance.

Why ſhould Lawyers be ſtigmatiz'd alway,
As if there were no other Cheats but they,
When Cheats abound of nearly every Rank;
There's Bankrupt Cheats, and Cheats of Mountebank;
Statesmen and Factors we do often ſee
Turn R——s, and ruin half a Country:
Sometimes the Man whom we our Friend do call,
Does prove to us a Raſcal worſt of all.

January hath XXXI Days.

	M D	☽ ♌	♃ ♐
First Quarter the 5th Day, 15 m. after 1 in the Morn.	1	♑	12
Full Moon the 11th Day, 15 m. past 3 in the Afternoon.	8	♋	13
Last Quarter the 18th Day, 40 m. past 5 in the Afternoon.	16	28	15
New Moon the 27th Day, 45 m. past Midnight.	24	28	16

Now New-Year's Gifts are sent about, tho' scant;
But none to me, nor none at all I want.

M D	W D	Remarkable Days, &c.	☉ ♑	☽ d.	♒ m.	☽ Sets. h.	m	♂ ♐	♀ ♐	☿ ♑	Mut. Asp. and Weat.
1	a	New-Year's D.	11	28	24	Morn.		16	21	6	This Year
2	b	Venus is an	12	11 ♓	23	0	45	17	22	8	begins as
3	c	Evening Star	13	24	4	2	1	18	23	9	the last
4	d	till March 22	14	7 ♈	11	3	13	18	24	11	ended,
5	e		15	20	24	4	14	19	26	13	cold, but
6	f	Epiphany.	16	4 ♉	20	5	9	20	27	14	not much
7	G	1 Sun. aft. Ep.	17	18	32	5	51	21	28	16	Frost.
8	a		18	2 ♊	54	6	25	21	29	17	△ ♄ ♀
9	b	The great Dog	19	17	44	☽ Rise.		22	30	19	
10	c	Star rises past 5	20	3 ♋	51	7	39	23	♑	20	
11	d	at Night.	21	17	49	9	15	23		21	♀ ☉ ☿
12	e		22	3 ♌	22	10	34	24	2	22	Cold W.
13	f		23	18	11	11	47	25	4	24	yet dry
14	G	2 Sun. aft. Ep.	24	2 ♍	39	Morn.		26	6	26	☽ Perig.
15	a	Day break 50	25	16	27	0	5	26	7	28	for the
16	b	min. past 5.	26	0 ♎	0	1	5	27	9	30	most Part.
17	c	Days increased	27	13	7	2	8	28	10	♒	☍ ☉ ♄
18	d	Queen's Birth-	28	25	48	3	4	28	12		△ ☉ ♂
19	e	day kept.	30	8 ♏	7	3	50	29	13	3	A cold
20	f	27 min.	♒	20	11	4	34	♑	14	5	Time,
21	G	3 Sun. aft. Ep.	2	2 ♐	4	4	55	1	16	7	somewhat
22	a		3	13	53	5	21	2	17	9	inclin'd to
23	b	Term begins.	4	25	39	5	47	3	18	11	Frost.
24	c		5	7 ♑	28	5	57	3	19	13	
25	d	St. Paul Conv.	6	18	30	6	23	4	20	15	
26	e		7	0 ♒	57	6	57	4	21	17	
27	f		8	13	40	☽ Sets.		5	22	19	
28	G	4 Sun. aft. Ep	9	26	9	6	24	6	23	20	☽ Apog.
29	a		10	8 ♓	48	7	50	6	24	22	
30	b	K. Charl. Mart.	11	21	34	9	1	7	26	24	
31	c		12	4 ♈	34	10	8	8	27	26	

Reader, do not expect this Year from me
A chearful Ode, or Songs of Melody;
My Mind to Mirth I cannot harmonize,
Whilſt Diſcord reigns, and Feud around me flies;
Such Scenes as theſe prevent my Midnights Sleep,
And baſe Oppreſſions ſummon me to weep;
Who can forbear, to ſee our Nation's Crimes,
And foreſee Judgment of enſuing Times.

M D	☉ Riſe.		☾ Sets.	
1	8	5	3	55
2				
3				
4				
5				
6	8	1	3	59
7				
8				
9				
10				
11				
12				
13				
14	7	55	4	5
15				
16				
17				
18				
19				
20				
21				
22				
23				
24	7	40	42	0
25				
26				
27				
28				
29				
30	7	30	4	30
31				

Obſervations.

Courteous Reader,

YOU may expect to find in theſe following conciſe Obſervations, to be pen'd down after my former Mode, with novel uſeful Inſtructions, and in ſome Sort to enveigh againſt ſome modern Vices that much abound now a-days; which I hope may be as acceptable to many of my Readers as my former Speculums have been, as it is evident by the Sale of them for three or four Years paſt, having been increaſed in the Buyers three Times the Number it was ſeven Years ago. It is a Piece of Vanity to expect to pleaſe all; had I but Ten to pleaſe it could ſcarce be done, much more to hit the Liking of 100,000, or a Million or two.

He that would pleaſe all, and himſelf too,
Takes upon him a Taſk he cannot do.

If L. Sh. E. B. J. R. S. and P.

And ſome few more I do not chuſe to name,
Approve what's pen'd, I then ſhall count that Fame.

But not to be over prolix, in making the Porch too large for the Edifice: What I firſt ſhall remark on this Year is concerning the uncommon, ſurprizing, and intemperate Weather we had in 1768, and ſo on, till *Candlemas*, 1769; Thunder near once in three Weeks, and oftner ſometimes, and Rain in leſs Diſtance of Time, and in many Parts of

March hath XXXI Days.

M D	♄	♈ ☽
1	26	22
8	26	23
16	25	23
24	25	24

First Quarter the 4th Day, 40 min. past 7 at Night.
Full Moon the 11th Day, near 4 in the Evening.
Last Quarter the 19th Day, half an Hour past 2 Morn.
New Moon the 27th Day, 45 min. after Five in the Morn.

If a Diſeaſe thy Body now moleſt,
Some Phyſick take; this Seaſon is the beſt.

M D	W	Remarkable Days, &c.	☉ ♓ d.	☽ ♈ m.	☽ Set. h.	m.	♂ ♑	♀ ♓	☿ ♓	Mut. Aſp. and Weat.
1	d	St. David.	11	28 10	10	25	♒ 4	1		
2	e		12	11 ♉ 50	11	51	1	6	0	More in-
3	f	Author's B.D.	13	25 38	Morn.		2	7	♒	clin'd to
4	G	1 Sun. in Lent.	14	9 ♊ 50	1	10	3	8	29	moiſt than
5	a	Prs. Heſt: bo.	15	23 33	2	10	4	9	29	dry.
6	b		16	7 ♋ 44	3	0	5	10	29	Ember
7	c		17	21 57	3	43	5	12	28	Week.
8	d	Now died,	18	6 ♌ 14	4	23	6	13	28	
9	e	1738, my no-	19	20 10	4	57	6	14	28	☽ Perig.
10	f	ble Friend,	20	4 ♍ 45	5	20	7	15	28	Some
11	G	2 Sun. in Lent.	21	18 44	☽ Riſe.		8	16	28	falling
12	a	the Ornament	22	2 ♎ 45	7	24	8	17	D	Weather.
13	b	of this Pariſh,	23	16 15	8	30	9	19	28	☐ ☉ ♅
14	c	John Nicholas,	24	29 2	9	50	10	20	28	Weather
15	d	7 Stars ſet at	25	12 ♏ 3	11	0	11	21	29	not bad,
16	e	Midnight.	26	24 30	Morn.		12	23	29	but ſea-
17	f	Eſq;	27	6 ♐ 32	0	4	13	24	♓	ſonable.
18	G	3 Sun. in Lent.	28	18 38	0	52	13	25	1	△ ☉ ♄
19	a	Watches 7min.	29	0 ♑ 5	1	48	14	27	2	△ ♄ ♀
20	b	too faſt.	30	11 57	2	33	15	28	3	
21	c	Equal D. & N.	♈	23 49	3	28	15	29	4	
22	d	Sun enters ♈.	2	5 ♒ 45	3	31	16	♈	5	☌ ☉ ♀
23	e		3	18 11	3	53	17	1	6	☽ Apog.
24	f	Twilight ends.	4	0 ♓ 20	4	13	18	3	7	Flying
25	G	4 Sun. in Lent	5	13 15	Lady-d		19	4	8	Showers,
26	a		6	26 36	4	55	20	5	10	and Wind
27	b	The Paſſover	7	10 ♈ 8	☽ Set.		21	6	11	high.
28	c	eaten.	8	23 59	8	24	21	7	12	Some lit-
29	d		9	7 ♉ 59	9	43	22	8	13	tle Rain.
30	e		10	22 6	11	5	22	9	14	Juſt now
31	f	Sc.h.rife midn.	11	6 ♊ 27	Morn.			10		dry.

When I reflect on PRIMA GEORGII's Reign,
Compar'd with this our Age, it gives me Pain;
Of ſeveral Bleſſings wh ch we then cou'd boaſt,
Now all is gone, for ever, ever loſt:
And this is found the Height of human Woe,
To have been happy, and no longer ſo.

M	☽ Riſe.	☉ Sets.	OBSERVATIONS.
1	7 17	4 33	this Kingdom, in ſuch vaſt Quantities, that occaſioned
2			ſuch ſurpriſing Floods, that no one now living had ſeen
3			the like; and the Thunder was far more dreadful, and
4			of very fatal Conſequence, in many Counties in this
5			Kingdom, together with the Overflowings of numerous
6	7 18	4 42	Rivers in the North, and in ſeveral other Counties, as
7			we had a Weekly Account in our News-Papers, where-
8			by many loſt their Lives; and in the Roads near *Lon-*
9			*don*, and thereabout, vaſt Numbers of Cattle were
10			ſwept away by the Rapidity of the Waters, and many
11			Bridges thrown down, and great Numbers of Families
12	7 7	4 53	ſo environed with Water, that they expected Death, or
13			ſtarving, for ſeveral Days. Such uncommon Prodigies
14			in the Year 1768 may be termed *Annus Mirabilis*; But
15			theſe, and the like ſurpriſing Calamities, are ſoon ef-
16			faced out of the Minds of moſt People: The Thoughts
17			of the Great Men are taken up with their Pleaſures,
18	6 56	5 4	Pride, and Purſuit of Honour; and the Poor in pro-
19			viding wherewith to ſuſtain Life; ſo theſe, or the like
20			Judgments, leave but a ſmall Impreſſion on the Me-
21			mories or Concern of but a very few People. But what
22			I in a more eſpecial Manner ſhall take Notice of, is the
23			dreadful and no leſs ſtrange Accounts we had of ſome
24	6 44	5 16	Effects found by the Thunders in 1768, in many
25			Counties of our Kingdom, and ſome in other King-
26			doms, where the fatal Effects of the Lightning was
27			ſo uncommon as ſcarce had been heard of, and no Way
28			to be accounted for by any human Philoſophy; as that
			two being in Bed, one was killed, and the other un
			hurt; Cloaths and Utenſils in a Room, one ſpoiled, the
			other untouched; People's Cloaths, ſome torn off, the
			Part near untouched; theſe and the like often hap-
			pened, ſo that no Reaſon can penetrate into the Cauſe
			of theſe and the like miraculous Accidents. From
			theſe Obſervations, I offer it as my humble Opinion,
			(and others I have converſed with) that as the Grand
			Enemy to Mankind is ſaid to be the Prince that ruleth
			in the Air, by the Divine Permiſſion, in theſe ſur

April hath XXX Days.

	M D	♄ ♒	♃ ♐
First Quarter the 3d Day, near 3 in the Morn.	1	25	24
Full Moon the 10th Day, 30 min. past 4 in the Morning.	8	25	24
Last Quarter the 18th Day, 40 m. aft. 3 in the Morning.	16	26	24
New Moon the 25th Day, 44 min. after 6 in the Even.	24	6	24

Among the rest, choose for thy Man-Mender
No empty Fop, or ignorant Pretender.

M D	W D	Remarkable Days, &c.	☉ ♈	☽ d.	♊ m	☽ h.	Set. m.	♂ ♒	♉ ♈	♀ ♓	Mut. Asp. and Weat.
1	G	Sun. in Lent.	12	20	34	0	5	24	13	15	✱ ♃ ♂
2	a	Day break at	13	4 ♋	34	1	2	25	14	17	A fine
3	b	20 m. after 3.	14	18	42	1	52	25	15	18	Spring ad
4	c	Days increased	15	2 ♌	43	2	38	26	16	20	vanceth.
5	d	5h. 53 min.	16	16	34	3	2	27	18	21	
6	e	Twilight ends	17	0 ♍	24	3	28	28	19	23	
7	f	8 h. 46 min.	18	14	23	3	46	28	20	24	☽ Perig.
8	G	Palm Sunday	19	27	45	4	15	29	21	26	△ ♄ ☿
9	a	Good Cloeks	20	11 ♎	0	4	39	♓	23	27	△ ♃ ☿
10	b	equal with the	21	24	5	☽ rises.		1	24	29	□ ♄ ♀
11	c	Sun.	22	7 ♏	16	8	46	1	25	♈	Some fall-
12	d		23	19	52	9	55	2	27	2	ing Weat.
13	e	Good Friday.	24	2 ♐	15	10	52	3	28	4	perhaps
14	f		25	14	40	11	49	3	29	6	△ ☉ ♃
15	G	Easter Sunday	26	26	27	Morn.		4	♉	7	□ ☉ ♄
16	a	Easter Monday	27	8 ♑	32	0	26	5	2	9	some Wet
17	b	Easter Tuesday	27	20	31	1	12	5	3	11	near this
18	c	Sun east 6 h.	28	2 ♒	9	1	45	6	4	13	Time.
19	d	34 min.	29	14	7	2	9	7	5	15	☽ Apog.
20	e	Day 14 h. 22	♉	25	47	2	26	8	6	17	
21	f	min.	1	8 ♓	33	2	4	8	8	18	
22	G	Low Sunday.	2	21	25	3	4	9	9	20	
23	a	St. George.	3	4 ♈	39	3	24	10	10	22	✱ ♂ ♀
24	b		4	17	23	3	49	11	11	24	□ ♃ ♀
25	c	St. Mark.	5	1 ♉	29	☽ Sets		12	12	26	Some W.
26	d	The brave D.	6	15	58	8	38	13	14	28	& Rain.
27	e	William's Bat	7	1 ♊	36	10	1	13	15	♉	
28	f	tle at Cullo-	8	16	16	11	7	14	16	2	
29	G	2 Sund. aft. East	9	0 ♋	52	Morn		15	17	4	Fair, but
30	a	den.	10	15	14	0	4	16	19	6	cool,

Our pure Religion's nearly grown extinct,
And all our moral Virtues ſadly ſhrink;
Vice walks in State, and ſhews her monſtrous Shape,
And great Men think 'tis Grandeur her to ape;
Witneſs our Maſquerades, from whence I deem
How little Piety is in Eſteem.

M D	☉ riſe h.	m.	☉ ſets h.	m.
1				
2				
3				
4				
5	5	28	6	32
6				
7				
8				
9				
10	5	16	6	44
11				
12				
13				
14				
15				
16	5	4	6	56
17				
18				
19				
20	4	52	7	4
21				
22				
23				
24				
25	4	48	7	12
26				
27				
28				
29				
30	4	41	7	19

OBSERVATIONS.

Readers, in my laſt Page you may take notice, I have imputed the ſurprizing Thunder and Deluges of Water we had in 1768, and ſince, to the juſt Judgments of the Almighty on a ſinful Nation, for our monſtrous Vices now obtaining in our Kingdom, out-paſſing any thing like it in former Ages: which, to any one of a ſerious thinking, and a moderate Share of right Reaſon, is a very melancholy Object to contemplate on, and muſt produce in him a ſorrowful Reflection, to conſider to what a degenerate State our Land is got at preſent; and this to be found in many, who have the Sanction and Power to correct Vice; and theſe many of them, by their conniving and bad Examples, increaſe its Growth. This is too evident to want any Proof or Demonſtration. And farther to reflect how our Kingdom has been long bleſſed with the pureſt Religion of any Nation whatever, the moſt excellent Laws, and moſt eminently endowed with ſublime Learning, in all its Branches; and then to reflect and obſerve how much all is declined and loſt, nothing but the Shell or Shadow of it left, and ſcarce that in ſome Places; numerous Vices at preſent are intirely unfettered, and at full Liberty; Libertiniſm no way checked, but encouraged; Deiſm in Principles, and Atheiſm in Practice, go hand in hand bare-faced, and ſeen every Day. I might

MAY hath xxxi Days.

M D	♄ ♋	♃ ♐
1	26	24
8	27	23
16	28	22
24	28	22

irst Quarter 2d Day, past 9 morn.
ull Moon 9th Day, 6 h. 55 m. even.
ast Quarter 17th Day, near 6 at night.
New Moon 25th Day, near 2 morn.
irst Quarter 31st Day, 45 m. past 4 even.

For such are plenty, and found out with ease,
They'll empt' thy Purse but add to thy Disease.

W D	Remarkable Days, &c.	☉ ♉	☽ d.	♋ m	☽ h.	sets m	♂ ♓	♀ ♉	☿ ♉	Mut. Aspects and Weather.
b	St. Phil. & Jac.	11	29	5	0	43	16	20	8	Fine just
c		12	14 ♌	27	1	17	17	21	10	now.
d	Invent. Cross.	13	27	1	1	45	18	22	12	☌ ☉ ☿
e	Day increased	14	10 ♍	49	2	2	19	24	14	☽ Per.
f	7 h. and 20 m	15	24	26	2	50	19	25	16	
G	3 S. aft. East.	16	7 ♎	27	2	56	20	26	18	
a	Day break at	17	20	8	3	8	21	27	20	✶ ♂ ♀
b	1 h. and 40 m.	18	3 ♏	23	3	30	22	28	22	8th or 9th I
c	The true Time	19	15	40	☽ rises		22	30	25	expect some
d	of our Savi	20	28	12	9	39	23	♊	27	□ ♃ ♂ (rain.
e	our's Ascension	21	10 ♐	28	9	54	24	2	29	No wonder if
f	about 15th.	22	22	36	10	29	25	3	♊	some Thun-
G	4 S. aft. East.	23	4 ♑	18	11	17	26	4	2	☌ ☿ ☿ (der.
a		24	16	7	11	45	26	6	3	Various Wea-
b	Day 16 hours	25	27	57	Morn.		27	7	5	△ ♄ ♂
c	near.	26	9 ♒	44	0	12	28	8	9	ther, mostly
d	Sun due East	26	21	31	0	32	28	9	11	☽ Apog.
e	at 7 h. 4 m.	27	3 ♓	54	0	53	29	11	13	dry.
f	Queen's B. D.	28	16	24	1	13	30	12	15	✶ ☉ ♄
G	5 S. aft. East.	29	29	29	1	30	♈	13	17	
a	The brave and	♊	12 ♈	37	2	1	1	14	19	
b	wise Earl Straf-	1	26	32	2	16	2	16	21	
c	ford beheaded.	2	10 ♉	49	2	48	3	17	23	☍ ♃ ☿
d	Holy Thursd.	3	24	55	3	15	3	18	24	Perhaps
e		4	10 ♊	14	☽ sets		4	19	25	showers.
f		5	25	28	10	1	5	20	26	✶ ☉ ♂
G	6 S. aft. East.	6	10 ♋	19	10	40	6	22	28	☍ ♃ ♀
a		7	25	14	11	12	6	23	29	
b	K. Cha. rest.	8	9 ♌	5	11	47	7	24	69	Ends well.
c	Sun due West	9	23	46	Morn.		8	25	2	
d	5 even.	10	7 ♍	31	0	7	9	26	3	☽ Peri.

By God's Command the Sabbath is expreſs'd,
To be obſerv'd for Prayer and for Reſt;
That ſolemn Day, alas! now ſet aſide,
By ſome for Pleaſure, and to ſhew their Pride,
And Great Ones, they do coach it out or ride;
And what is worſe, moſt ſhocking 'tis to name,
Inſtead of Prayer, ſome play the Devil's Game.

M D	☉ riſe h. m	☉ ſets h. m	OBSERVATIONS.
1			draw up a hideous Catalogue of the reigning
2			Vices and faſhionable Sins of this Nation at
3			preſent. When was ever Prophaneneſs at ſuch
4	4 35	7 25	a Heighth? Was ever Pride, Luxury, and
5			Laſciviouſneſs exalted to ſuch a Degree as at
6			this Time? Moſt of the Great Ones, eſpecially
7			the Fair Sex, ſpare no Coſt nor Time to out-
8			rival one another in Ornaments: ten or twenty
9	4 26	7 34	thouſand Pounds worth of Jewels often ſeen
10			about a Head, is that Pride, think you, or
11			not? And then to obſerve the extravagant
12			Superfluities in Diet and Drinking, amongſt
13			Perſons of Ability, which is now become a
14			Cuſtom; what Inventions are uſed to exalt the
15			Senſe of Taſting; and the numerous foreign
16	4 15	7 45	Cooks employed: Is not this a Proof how
17			much Luxury abounds in this Age; with vaſt
18			other Circumſtances to prove it? Then alſo to
19			hear and ſee the great number of lewd Women,
20			and kept Miſtreſſes, coached daily about in
21			their Splendor, with the many Divorces and
22			prophane Maſquerading ſo common: Is not
23			this an Evidence how much Carnality is in
24			vogue, and how little Eſteem Religion is held
25	4 4	7 56	in at preſent? Theſe Vices would demand a
26			much larger expoſtulation than I have room for;
27			I ſhall only renew what I touched on in 1768,
28			of the Immorality of keeping the Sabbath,
29			and Neglect of Public Worſhip, among moſt
30	3 50	8 10	ſorts of People; and ſhould we find in ſuch
31			

JUNE hath xxx Days.

	♄	♃
D	♐	♏
	29	21
8	0	20
6	♑	19
24	1	18

Full Moon the 8th Day, near 9 morn.
Last Quarter 16th Day, 11 morn.
New Moon 23d Day, 50 m. past 8 morn.
First Quarter 30th Day, past 1 morn.

A bad Physician sometimes brings the Knife,
Proves an *Atropos*, cuts the Thread of Life.

☽	W D	Remarkable Days, &c.	☉ ♊	☽ d.	℞ m	☽ sets h.	m.	♂ ♈	♀ ♊	♃ ♐	Mot. Aspects and Weather.
1	e		11	20	57	0	2	9	28	4	Begins fine
2	f		12	4♎	33	0	51	10	29	5	
3	G	Whit-Sunday	13	17	13	1	11	11	♌	(	
4	a	Monday.	14	29	53	1	4(	12	1	7	K. G. III. b.
5	b	Tuesday.	15	12♏	31	2	5	13	3	8	Some storms.
6	c	Ember Week.	16	24	40	2	27	14	4	8	
7	d	Broomh. Fair.	17	6♐	55	3	7	15	5	9	
8	e	Sun due East	18	19	1	☽ rises		16	6	1	☌ ☉ ☿
9	f	7h. 18m mo.	19	0♑	54	9	16	17	7	11	Perhaps
10	G	Trinity Sund.	19	13	42	9	5(	18	9	12	Prs. Amelia b.
11	a	St. Barnabas.	20	25	34	10	17	18	10	12	Thunder.
12	b	Watches near	21	6♒	59	10	36	19	11	12	
13	c	equal with ☉	22	18	21	11	1	19	12	♑	△ ☿ ♂
14	d	Jesus cometh	23	c♓	17	11	18	20	14	12	☍ ☿ ☿ ☽ A.
15	e	to the Feast of	24	12	29	11	34	21	15	12	Moist Air a
16	f	Pentecost 12d.	25	24	40	11	55	21	16	12	little Time.
17	G	1 S. aft. Trin.	26	7♈	45	Morn.		22	17	1	
18	a	Cast. & Pollux	27	20	55	0	15	23	18	11	
19	b	rise cosmical.	28	4♉	57	0	37	24	20	11	
20	c	Wm Lilly died	29	19	7	1	10	24	21	11	
21	d	Longest Day	♋	3♊	45	1	48	25	22	10	
22	e	at Devizes	1	18	35	2	44	26	23	10	Inclined to
23	f	16 h. 28 m.	2	3♋	52	☽ sets		26	24	10	some Rain.
24	G	2 S. aft. Trin.	3	19	4	9	0	27	26	10	St. J. Bapt.
25	a		4	4♌	2	9	39	28	27	10	✶ ♂ ♀
26	b		5	18	52	10	6	28	28	10	Look for the
27	c	Fill of famous	6	3♍	16	10	27	29	29	10	Northern
28	d	Troy now	7	17	14	10	47	30	♎	9	☌ ♄ ♀
29	e	St. Pet. & Paul.	8	0♎	54	11	8	30	2	9	Lights now
30	f	about.	9	14	6	11	33	♎	3	9	about

What! have we none of so much Piety,
At this Prophaneness not t' exclaim or cry,
Have all our Reverends got the Lethargy?
Whate'er infatuated Men may think,
He that doth all Things see, at this won't wink:
For Wickedness a Land is oft destroy'd,
Can we expect God's Judgments to avoid?

M D	☉ rise h.	m.	☉ sets h.	m.
1				
2				
3				
4	3	59	8	2
5				
6				
7				
8				
9				
10	3	52	8	8
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21	3	47	8	13
22				
23				
24				
25				
26				
27				
28				
29				
30	3	51	8	9

OBSERVATIONS.

Persons any moral Virtue, 'tis without any Root or Foundation, not from a religious Fear of their Maker. Those that never communicate with God, nor receive any Communication from him, are much on a par with those Gentlemen St. *Paul* upbraids, *Ephes.* Chap 2 ver. 12. who lived without God in the World. What can such Men think on, or do they think at all, when they behold the World we live in, with wondrous Bodies of the planetary Worlds and fixed Stars at immence Distances, with all the Productions of Sea and Land, which are all made for our Use and Support, and continued to us for our Preservation? Doth not this proclaim aloud to us the Wisdom and Goodness of God, and call upon us to praise, adore, and worship him, from whom, and by whom, we live, and move, and have our Being? The very Pagans may rise in judgment against us at the last Day; for they were more strict in observing their numerous Ceremonies and Rites of Worship to their false Gods and dumb Idols, than many, called Christians, do now to the God that made Heaven and Earth. And to our shame it may be said, that Satan, the grand Enemy of Mankind, has more Service done him on the Lord's Day, than the Lord that made us: The great Men, many of them, spend that Day in Journeys, or in pursuit of some

JULY hath xxxi Days.

	M D	♄ ♌	♃ ♐
Full Moon 8th Day, half hour past midnight.	1	2	17
Last Quarter 15th Day, 11 h. 3 m. night.	8	[illegible]	16
New Moon 22d Day, 3 h. past noon.	16	4	15
First Quarter 29th Day, at noon.	24	5	1[illegible]

Choose none of those new fashionable Elves,
That Herbs despise and trust to Pots and Shelves:

M D	W D	Remarkable Days, &c.	☉ ♉	☽ m.	♎ d	☽ sets h.	m.	♂ ♈	♀ ♌	♀ ♋	Mut Aspects and Weather.
1	G	3 S. aft. Trin.	10	26	54	11	49	1	4	10	
2	[illegible]		11	9 ♏	31	Morn		2	5	9	□ ♄ ♂
3	b	Visit. B.V.M.	12	21	36	0	4	3	7	8	Some Rain if
4	c		12	3 ♐	57	0	4[illegible]	3	8	8	not Thunder.
5	d	☽ Midf. Day.	13	15	57	1	39	4	9	7	
6	e	Tho. Becket	14	27	45	2	33	5	10	7	
7	f	killed in the	15	9 ♑	41	3	20	5	12	7	
8	G	4 S. aft. Trin.	16	21	28	☽ rises		6	13	6	✶ ♂ ☿
9	a	Church.	17	3 ♒	20	8	31	[illegible]	14	6	A fine Time,
10	b	Day decreased	18	15	15	8	52	8	15	6	and like to
11	c	24 min.	19	27	1[illegible]	9	8	8	17	5	△ ♃ ♀ ☽ A
12	d	Days 16 hours	20	9 ♓	22	9	28	9	18	5	hold.
13	e	24 m. at	21	21	39	10	0	10	19	5	
14	f	Broomham.	22	4 ♈	12	10	15	10	20	D	
15	G	5 S. aft. Trin.	23	17	4	10	46	11	21	5	St. Swithin.
16	a	Milksham Fair	24	0 ♉	13	11	5	12	23	6	
17	b		25	13	47	11	41	13	24	7	
18	c	General Monk	26	27	47	Morn.		14	25	7	
19	d	made a rout at	27	12 ♊	12	0	22	15	26	8	Some Rain,
20	e	Devizes	28	26	51	1	21	15	27	9	not much,
21	f	Broomham	29	12 ♋	11	2	35	16	29	9	near 21 or 22
22	G	6 S. aft. Trin.	30	26	57	☽ set		16	30	10	Q. Denmark
23	a	House burnt.	♌	12 ♌	26	8	4	17	♍	11	(born.
24	b	M. Magd. 22	1	27	26	8	26	17	2	13	
25	c	St. James.	2	12 ♍	5	8	49	18	3	14	
26	d	Bristol Fair.	3	26	12	9	9	19	5	15	
27	e	Day break at	4	5 ♎	59	9	32	19	6	17	
28	f	4 h. 5 m.	5	23	50	10	0	20	7	18	Cool and
29	G	7 S. aft. Trin.	6	6 ♏	10	10	29	20	8	19	☌ ☉ ♄
30	a	Dog-days beg.	7	18	40	10	57	21	9	21	cloudy, per
31	b		8	5 ♐	20	11	35	21	11	22	haps Rain.

By *Moſes'* Law 'twas always underſtood,
'Twas Life for Life, to him that ſhedded Blood;
But in our Days this Law is warp'd aſide,
If Witneſſes or Jury take a Bribe:
Hanging for Homicide a Chance or Lot,
Poor friendleſs Souls are ſure to go to pot!
He that hurts Game has worſe Chance when try'd,
Than he that puts a Baſtard Child aſide.

M. D.	☉ riſe h. m.	☉ ſet h. m.
1		
2	3 52	8 1
3		
4		
5		
6		
7		
8	3 56	8 2
9		
10		
11		
12		
13		
14	4 0	8 0
15		
16		
17		
18		
19		
20		
21	4 7	7 5
22		
23		
24		
25	4 13	7 47
26		
27		
28		
29		
30	4 19	7 41
31		

OBSERVATIONS.

Pleaſure, or worſe. Some few in Gaming (as mined in the Poetry.) Men of middling Station act in ſome kind of Buſineſs, or in unneceſſary Viſits; the meaner Sort flock to Drinking-Houſes, which are generally crowded more than the Church. In my Pariſh we have a great Increaſe of Inhabitants, but a vaſt Decreaſe found at Church; not a third Part to what was formerly; few Women after Marriage, from which you may learn the Altitude of their Zeal before Marriage. This Neglect of Sabbath is like to go on in its faſt career, as having none to lay any Reſtraint on it by Force, or by Perſuading; and thoſe whoſe Duty it is, and are ſworn to do it, leave it intire, as an unfaſhionable Concern. I would have ſuch conſider whether they know it or not, they are Partakers of other Men's Sins. Beſides, People ought to ſtir up themſelves to keep the Sabbath; for where Publick Worſhip is wanting there is little or no Private Devotion, and if both are omitted, the Spirit and Life of Religion is loſt and quite extinct (with ſuch. Some perhaps may object to me, that I act out of my Sphere, but they don't deſerve an Anſwer. I have Precept and Example for it, by the Authority of the Scripture: all Men at all Times ought to be zealous for the Glory of God, and Charity to their Neighbours; and ſhould a Judgment be ſent for Sabbath-breaking

AUGUST hath xxxi Days.

Full Moon 6th Day, 1 h. near 45 m. past noon.
Last Quarter 14th Day, at 8 h 30 m. morn.
New Moon 20 Day, 15 m. past 11 at night.
First Quarter 28th Day, near 3 morn.

M D	♄ ♌	♃ ♐
1	6	15
8	7	14
16	8	D
24	9	15

Choose one whose Intellects are strong and clear,
And in the Sea of Science knows to steer.

M D	W D	Remarkable Days, &c.	☉ ♌	☽ d	♐ m.	☽ sets h.	m.	♂ ♉	♀ ♍	☿ ♋	Mut. Aspects and Weather.
1	c	Lammas Day.	9	12	4[illegible]	Morn.		22	12	23	Good harvest
2	d	Jesus preached	10	24	4[illegible]	0	22	23	13	25	Weather.
3	e	in Galilee.	11	6 ♑	32	1	14	24	14	27	
4	f		12	18	2[illegible]	2	18	24	15	29	Somewhat
5	G	8 S. aft. Trin.	13	0 ♒	13	3	16	25	17	♌	windy.
6	a	7 Stars south	14	12	9	☽ rises		26	18	3	
7	b	at 8 at night.	15	24	17	7	26	26	19	5	△ ☉ ♃ ☽ A.
8	c		16	6 ♓	17	7	41	27	20	7	☌ ♄ ♀
9	d		17	18	42	7	59	28	21	19	Cool Wind.
10	e	St. Laurence.	18	1 ♈	12	8	20	28	22	11	
11	f	Prs. Brunf. bo.	19	18	5[illegible]	8	38	29	24	13	△ ♃ ☿
12	G	9 S. aft. Trin.	20	26	5[illegible]	9	8	2[illegible]	25	15	Pr. of Wales b.
13	a		21	9 ♉	4[illegible]	9	41	♊	26	17	
14	b	Day 14 h.	22	23	34	11	15	1	27	19	
15	c	46 min.	23	7 ♊	25	11	0	1	28	21	Weather well
16	d	Day deer. 2 h	24	21	1[illegible]	Morn.		2	30	23	enough.
17	e	8 min.	25	5 ♋	38	0	9	2	♎	25	☌ ☉ ☿
18	f	Day b. 1. 10 m.	26	20	4[illegible]	1	17	3	2	27	Pr. Fred. b.
19	G	10 S. aft. Trin.	27	5 ♌	39	2	44	4	3	29	△ ♂ ♀
20	a		28	20	55	☽ sets		4	4	♍	☽ Perig
21	b	Pr. W. Hen. b.	29	5 ♍	4[illegible]	6	59	5	5	3	Dry mostly,
22	c	Twilight over.	30	20	49	7	18	5	7	5	yet a little
23	d		♍	4 ♎	22	7	39	6	8	7	□ ♂ ♀
24	e	St. Bartholom.	1	18	24	8	21	7	9	9	Rain at new
25	f	Now about	2	1 ♏	47	8	35	7	10	11	✶ ♃ ☿
26	G	11 S. aft. Trin.	3	14	22	9	4	8	11	12	Moon.
27	a	K. Charles set	4	27	15	9	41	8	13	14	
28	b	up his standard	5	9 ♐	29	10	24	9	14	16	
29	c	at Notting-	6	20	33	11	47	9	15	18	✶ ♄ ♂
30	d	ham.	7	3 ♑	28	Morn.		9	16	20	✶ ♃ ♀
3[illegible]	e		8	5	2	0	15	10	17	21	Ends well.

Marriage was once ordain'd a Remedy
T' allay unbridled Luſt or Letchery;
But that Diſeaſe of late's found more and more,
That Marriage will not check, much will cure;
Some now are like fed Horſes gotten looſe,
Break Wedlock Ties, both Sexes ſeek Divorce.

M D	☉ riſe h.	m.	☉ ſets h.	m.	OBSERVATIONS.
1					or any other reigning Vice, we muſt all par-
2					take of it alike.
3					Some time paſt, one Evening being in
4	4	24	7	36	a more than common Mood of Contemplation,
5					I fell to chewing the cud, on the Uſefulneſs,
6					Delightfulneſs, and laudable Pleaſure and
7					Profit to be found in the Uſe of Books. Tho'
8	4	32	7	28	I well know that neither my Room or Ability
9					is any way ſufficient to ſet forth the hundreth
10					part of the *laudabile* that Books deſerve: It is
11					a Task fit only for a *Cicero*: of all the Utenſils,
12					Ornaments, and Accommodation belonging to a
13					Houſe, nothing is comparable, more uſeful,
14					or commendable, than Books: They are to
15					be eſteemed as the Food and Phyſick of the
16	4	47	7	13	Mind, *Nam ſine doctrina vita eſt quaſi*
17					*mortis imago.* Books at all times are found
18					to be agreeable and entertaining Companions:
19					tho' they are Dead, yet they confer Know-
20					ledge to the Living; never tireſome or im-
21					pertinent, ready at a Call, and may be diſmiſt
22					at our Pleaſure: they are Counſellors to in-
23					ſtruct and inform us Day and Night; ſerve
24					as a living Oracle to ſolve all Doubts and
25	5	1	5	59	Inquiries, that are uſeful, neceſſary, or requiſite
26					to be known; and without Bribes, Flattery,
27					Deceit, or any ſiniſter End (unleſs the Fault is
28					in ourſelves,) good Books are the Lamp and
29	5	13	6	47	Treaſure of the Mind, and Nurſe to Virtue
30					and Perfection of Knowledge: By Books we
31					have

SEPTEMBER hath xxx Days.

Full Moon 5th Day, past 5 in the morn.
Last Quarter 12th Day, 12 m past 3 even.
New Moon 19th Day, 8 h. 30 m morn.
First Quarter 24th Day, near 8 at night.

M D	♄	♆
1	0	15
8	11	16
16	1	6
2	1	7

One that well understandeth Nature's Laws,
To ev'ry Ill ascribes its proper Cause:

M D	W D	Remarkable Days, &c.	☉ ♍ d.	☽ ♈ m	☽ set h.	m.	♂ ♊	♀ ♎	♃ ♑	Mut. Aspects and Weather
1	f		9	25 49	5	54	8	1	22	Weather
2	G	12 S. aft. Trin.	10	8♎ 8	6	18	12	2	24	Lond. burnt.
3	a		11	19 43	3	8	12	21	26	☽ Apog.
4	b	Day decr. 3 h.	12	3♑57	4	23	13	2	27	finish just
5	c	20 min.	13	15 20	☽	rise	3	2	29	now, but soon
6	d		14	27 57	6	3	4	24	♎	stormy.
7	e	Dog-days end.	15	10♒48	6	55	14	25	1	□ ☉ ♂ !
8	f	Nat. B. V. M.	16	23 48	7	25	15	27	2	□ ☉ ♅
9	G	13 S. aft. Trin.	17	7♓ 2	7	54	15	28	4	♀ ♅ ♂
10	a	Day break at	18	20 27	8	29	16	29	6	
11	b	3 h. 33 m.	19	4♈ 2	9	2	16	30	8	
12	c	Holy Rood.	20	17 5	10	12	17	♏	9	Rain within a
13	d	Now about	21	1♉51	11	11	17	2	11	Day or twain.
14	e	Worcester	22	16 11	Morn.		18	3	12	
15	f	Fight.	23	0♊47	0	34	18	5	14	
16	G	14 S. aft. Trin.	24	14 57	1	55	19	6	16	✶ ♅ ♆
17	a		25	29 26	3	13	19	7	18	□ ♂ ♀
18	b	About this	26	14♋ 7	4	36	20	8	20	
19	c	Time the Jews	27	28 29	☽	sets	20	9	21	☽ Perig.
20	d	lay in wait to	28	12♌36	6	18	21	10	23	Ember Week
21	e	St. Matthew.	29	26 12	6	40	21	11	25	Wet 21 or 22
22	f	kill St. Paul.	29	9♍55	7	7	22	12	27	□ ♄ ♀
23	G	15 S. aft. Trin.	♎	22 36	7	48	22	14	28	
24	a	Jesus preached	1	5♐24	8	31	23	15	28	
25	b	about Caper-	2	17 50	9	19	23	16	29	
26	c	naum.	3	29 42	10	10	24	17	30	
27	d	Days decr. 4 h.	4	11♑28	11	14	24	18	♍	
28	e	48 min.	5	23 8	Morn.		25	19	1	Some Rain.
29	f	St. Michael	6	4♎55	0	15	25	20	2	Prs. Royal b.
30	G	16 S. aft. Trin.	7	15 58	1	17	25	21	3	

Concupiſcence is grown to that Degree,
'Mong High and Low, but moſt the Quality,
Some muſt have Wives or Miſſes, two or three:
This Vice no longer now in private lurks,
Our *Engliſh* Gentry many turned *Turks*.
Proceed, my Muſe, in Satire to engage,
For never was a more licentious Age.

M	☉ rife		☉ ſets		OBSERVATIONS.
D	h.	m.	h	m	
1					have Men ſpeaking to us that lived ſome Thou-
2					ſand Years ago, informing us how the World
3					was made, and all things we ſee thereon, and
4					on the great and wide Sea, the Earth's Cir-
5	5	22	5	38	cumference, and its Inhabitants, and how we
6					have our Seaſons; the Forms and Nature of all
7					Beaſts, Birds, Fiſhes, Reptiles, Inſects, and
8					Animalcula, a vaſt Number of them: from
9					Books we have Knowledge of all Trees, Plants,
10	5	3	5	26	Vegetables, and their ſeveral Uſes: beſides we
11					learn thence the inacceſſible Wonders of the
12					Heavens, the Planetary Syſtem, their Orbs
13					and Revolutions, and whatever occurs from
14					their Motions. It is from Books we come to
15	5	42	5	18	know what famous Men lived, and at what
16					Time, and what excellent Things they wrote,
17					and what Battles others fought; with numerous
18					other notable Occurrences which befel them:
19					'Tis from Books we attain the Knowledge of
20	5	54	6	6	Languages, together with the Knowledge of
21					all the Liberal Sciences, and near all belonging
22					to Mechanick Arts, and every Branch of
23					Scientifick Learning, with an exact Account
24					of the Hiſtory of all remarkable Men, and
25	6	12	6	48	Things relating to them; with infinite more
26					Circumſtances ('tis almoſt endleſs to inter
27					them all) which happened in all Ages of the
28					World. But above all, the tranſcendent Uſe
29					of Books is to enlighten our Underſtanding,
30					and

OCTOBER hath xxxi Days.

ull Moon 4th Day, at 8 at night.
aſt Quarter 11th Day, near 11 at night.
ew Moon 18th Day, near 8 at night.
irſt Quarter 26th Day, 32 m. paſt 4 aftern.

D	♄	♃
1	12	18
8	14	19
16	15	21
24	15	22

One ſkill'd in Medicine's Power and Property,
Knows how, and where, to whom them to apply.

D	Remarkable Days, &c.	☉	☽ d.	☽ m	☽	☽ sets h	☽ sets m	♂	♀	☿	Mut. Aſpects and Weather.
1	Days 11 h.	♎ 8	29	☋		2	23	♑ 25	♑ 23	♐ 4	☽ Apog.
2	18 min.	9	11	♓	17	3	5	26	24	4	Begins dry.
3	Day br. 4 h.	10	23	57		4	3	26	25	5	
4	30 min.	11	0	♈	41	☽ riſes		26	26	6	
5	Died Mr.	12	20	9		5	35	27	27	☋	
6	Sharp of Weſt	13	3	♉	28	6	2	27	28	7	Littleſtormy.
7	17 S. aft. Trin.	14	17	2		6	31	27	30	7	
8	Wicomb.	15	0	♊	47	7	26	28	♐ 1	8	✶ ☉ ♄
9	The Jews feaſt	16	14	39		8	34	28	2	9	
10	of Reconcilia	17	28	42		9	2	28	3	10	
11	tion.	18	12	♋	43	10	24	29	4	♏ 11	✶ ☉ ♆
12	At this Time	19	25	41		11	45	29	5	11	
13	1706, the Duke	20	10	♌	47	Morn.		30	6	♎ 8	☽ Perig.
14	18 S. aft. Trin.	21	24	58		1	5	30	7	11	
15	of Marlbro'	22	9	♍	4	2	27	30	8	10	
16	took Aeth.	23	23	8		3	44	♑	9	9	
17		24	7	♎	9	5	2	0	10	9	
18	St. Luke.	25	20	56		☽ ſets		0	12	9	
19		26	4	♍	31	5	15	1	14	♂	△ ♄ ♀
20	Devizes Fair.	27	17	52		5	50	1	15	7	Perhaps ſome
21	19 S. aft. Trin.	28	0	♐	40	6	32	2	16	6	little Rain
22		29	13	14		7	16	2	17	5	and ſtormy.
23	Days 9 h.	♏	24	53		8	2	2	18	4	
24	40 min.	1	7	♑	30	9	4	2	19	3	♂ ☉ ♀
25	St. Criſpin.	2	19	19		10	20	2	20	3	△ ♂ ♆
26	28 Broomham	3	1	♒	4	11	1	2	21	2	More Rain.
27	Folly Day.	4	12	50		Morn.		2	22	1	
28	20 S. aft. Trin.	5	24	43		0	11	2		♍	St. Si. & Jude.
29		6	0	♓	52	1	2	2	23	♑ 0	♂ ♆ ♀
30		7	19	18		2	30	2	24	♐ 0	Finiſh Time
31		8	0	♈	52	3	15	2	25	2	of Weather.

These are the Men who by their Honour swear,
And forfeit that full twenty times a Year;
Is't Honour to dress grandly every Day?
Indebted for't, and ne'er design to pay?
Is't Honour to keep a Miss, also a Whore,
Extort from Tenant, or oppress the Poor?
If this is Honour, I am sure it's scurvy,
Or else the World is turned topsy-turvy.

M. D.	☉ rise: h.	m.	☉ sets h.	m.	OBSERVATIONS.
1	6	14	5	46	and to improve our Reason, so as to have a
2					clear Knowledge of the revealed Will of God,
3					thereby to learn our Duty to Him, our Neigh-
4					bour, and Ourselves, and to convert that
5					Knowledge into Practice, which is the only
6	5	26	5	34	Road to Happiness, here and hereafter. From
7					this Epitome of the Excellency of Books, I
8					cannot well forbear reflecting on the pitiful Case
9					that Person lives in, that never learnt to read:
10					I would not be thought to insult over such a
11					one, I rather commiserate his Ignorance
12	5	38	5	22	(perhaps more than he does himself) of the
13					Difference between him and a Man of Learn-
14					ing. I know not what Comparison to make;
15					the *Hottentots* are allowed to be but one Degree
16	5	42	5	18	in Understanding above a Beast; and these
17					Men are not much above half a Degree beyond
18					a *Hottentot*. These Wretches that cannot
19					read, what a narrow Sphere must their Souls
20					act in? always in a gloomy joyless Condition,
21					intirely deprived of the Pleasures of the Mind.
22					We read of the Darkness of the *Egyptians*,
23					that it was such as to be felt; but these Men
24	6	55	5	5	I have been speaking of are quite insensible of
25					the Darkness of their Mind, the greatest of Ob-
26					curities. In my last Year's Observations,
27					I told you such Men might have Wealth, but
28					never any real Honour; neither can they
29					justly lay any Claim to it. *Solomon*'s Opinion
30					may be applicable to many of them; As Snow
31					

NOVEMBER hath xxx Days.

Full Moon 4th Day, 9 h. 55 m. morn.
Laſt Quarter 10 Day, paſt 5 morn
New Moon 17th Day. near 10 morn.
Firſt Quarter 25th Day, 45 m. paſt 3 even.

M D	♄ ♌	♅ ♐
1	15	25
8	16	25
16	16	27
24	16	2

M D	W D	Remarkable Days, &c.	☉ ♏	☽ ♈ d.	m	☽ ſets h	m.	♂ ♎	♀ ♐	♀ ♑	Mut. Aſpects and Weather.
1	d	All Saints	9	14	52	4	5	2	26	27	
2	e	Pr. Edward b.	10	28	26	6	3	2	27	26	All Souls.
3	f		11	12	♉ 18	7	21	2	28	26	
4	G	21 S. aft. Trin.	12	26	17	☽ riſes		2	29	26	Some coldiſh
5	a	Powder Plot.	13	10	♊ 24	6	1	2	♍	D	Rain, & ſoon.
6	b	Jeſus preached	14	24	49	7	10	2	1	26	
7	c	privately in	15	9	♋ 8	8	23	2	2	26	D. Cumb. b.
8	d	Judea.	16	23	28	9	40	2	3	27	☌ ☌ ☿
9	e	Day decreaſed	17	7	♌ 47	0	56	2	4	28	Frs. S. Aug. b.
10	f	7 h. 33 m.	18	21	4	Morn.		2	5	29	☽ Perig.
11	G	22 S. aft. Trin.	19	5	♍ 29	0	16	2	6	♏	More wet.
12	a	Days about 9h.	20	19	15	1	35	2	7	1	
13	b		21	3	♎ 11	2	49	2	8	3	
14	c	7 Stars ſouth	22	17	30	3	49	2	9	4	
15	d	at 11 at night	23	0	♏ 10	5	16	2	0	6	
16	e	Day break at	24	13	16	6	30	1	11	7	
17	f	36 m. paſt 5	25	26	9	☽ ſets		1	12	9	Some Rain,
18	G	23 S. aft. Trin.	26	8	♐ 49	5	7	1	13	10	more or leſs,
19	a	morn.	27	21	14	5	58	1	14	12	✱ ☿ ☿
20	b		28	3	♑ 26	6	55	1	15	13	now about.
21	c		29	15	35	7	55	1	15	14	□ ♄ ♅
22	d	St. Cæcilia.	♐	27	38	8	57	0	16	15	
23	e	The leſſer Dog	1	9	♒ 6	10	1	0	16	17	
24	f	Star riſeth	2	20	49	11	7	♊	17	19	☌ ♆ ♂ ☽ A.
25	G	24 S. aft. Trin.	3	2	♓ 41	Morn.		0	17	20	D. Glouc. b.
26	a	54 m. paſt 8.	4	14	44	0	11	29	18	22	Stormy near
27	b		5	27	5	1	27	28	19	23	this Time.
28	c		6	10	♈ 0	2	28	28	19	25	
29	d		7	23	7	3	24	27	20	26	
30	e	St. Andrew.	Pr. D. of Wales b.					26	21	27	

O Man! if thou true Honour would'ſt obtain,
Find Virtue's Temple out, the Road is plain;
From Bribes and all Injuſtice ever fly,
Act for thy Country's Good, uſe Charity;
Shun all ill Cuſtoms, and the Church attend,
Be chaſte to Wife, and faithful to thy Friend;
Thy Wealth to gain uſe no illicit Ways,
Then Heav'n will bleſs thee, Men will give thee Praiſe.

M D	☉ riſe h. m.	☉ ſets h. m	OBSERVATIONS.
1			in Summer, and Rain in Harveſt, &c. He
2			that is deſtitute of Knowledge or Science, has
3			but the outſide Shape and Lineaments of a
4	7 16	4 44	Man; 'tis true, he hath Speech, but can uſe
5			it only on Things that belong to common
6			Life, as an Inſignificant, and is not capable
7			of doing himſelf any other remarkable Good.
8			Hear what Opinion and Judgment many of
9			the ancient Philoſophers had of Books. *Seneca*
10	7 26	4 34	thought a Man had better be buried alive than
11			be without Books: *Lipſius* thought himſelf on
12			the top of *Olympus* while he was reading *Seneca*.
13			I have found ſomewhat the like Tranſports on
14			reading him. *Ariſtippus* thought it was better
15			to be a Beggar than without Books, or be un
16	7 3	4 27	learn'd. 'Twas one of the things *Socrates* thanke
17			God for, that he was a Philoſopher, and no
18			unlearned. One of our Kings of this Nation
19			that enjoyed no Share of Learning, ſaid, an
20			unlearned King was like a crowned Beaſt.
21			*Lord Rochefter* has verſified near on the ſame
22	7 4	4 15	alluding to Learning and Virtue:
23			If ſuch there are, then grant me this at leaſt,
24			Man differs more from Man, than Man from Beaſt.
25			How much ſuch Men may differ from
26			Beaſts, I don't pretend to know, but certainly
27			'tis very little. I ſhall cloſe this Diſcourſe with
28			what I have often ruminated on. I ſhou
29			
30	7 87	4 3	

DECEMBER hath xxxi Days.

Full Moon 2d Day, near 10 at night.
Laſt Quarter 9th Day, 2 h. paſt noon.
New Moon 17th Day, near 3 in morn.
Firſt Quarter 25th Day, 45 m. morn.

M D	♄ ♑	☿ ♍
1	11	0
8	♐	1
16	1♑	2
24	15	4

But above all chuſe out one, if you can,
Not only ſkilful, but an honeſt Man

M D	W D	Remarkable Days, &c.	☉ ☌ ☽ ☍ ♄ ☐	☽ ſets. d.	☽ ſets. m.	♂ ♊	♀ ♍	☿ ♏	Mut. Aſpects and Weather.
1	f		9	20	22	5	52	25	22	29	A little moiſt
2	G	Advent Sund.	10	4 ♊	45	☽	riſes	2.	22	1♐	if not Snow.
3	a		11	19	24	4	49	25	23	2	Cold & dry,
4	b	Twilight ends	12	4 ♋	11	5	59	25	23	4	inclined to
5	c	6 h. 0 m.	1	19	0	7	12	25	24	5	Froſt.
6	d		14	3 ♌	38	8	26	25	24	6	St. Nicholas.
7	e	1709 Thames	15	18	10	9	52	24	25	7	
8	f	froze.	16	2 ♍	24	11	15	24	25	9	△ ☉ ♄ ☽ P.
9	G	2 S. in Advent.	17	16	23	Morn.		24	25	11	Con. B. V. M.
10	a	Seven Stars	18	0 ♎	4	0	27	24	26	13	
11	b	ſouth 10 m. 8.	20	13	34	1	42	23	27	14	Weather dry
12	c	St. Lucy.	21	26	46	2	57	23	27	16	△ ♄ ☿
13	d	A Comet ap	22	9 ♏	47	4	10	23	27	18	and cold.
14	e	peared 1684.	23	22	23	5	18	23	27	19	
15	f		24	5 ♐	0	6	13	23	2.	21	
16	G	3 S. in Advent.	25	17	29	7	18	23	♑	23	
17	a		26	29	42	☽	ſets	22	2.	24	
18	b	Ember Week.	27	12 ♑	6	5	30	22	27	2.	
19	c	Days ſhortened	28	23	49	6	35	22	2	28	♂ ☉ ☿
20	d	7 h. 34 m.	29	5 ♒	32	7	32	22	26	29	Cold, but yet
21	e	St. Thomas.	30	17	2.	8	40	22	26	♑	Shorteſt Day.
22	f		♑	29	♒	9	50	21	25	3	a finiſh Time.
23	G	4 S. in Advent.	2	11 ♓	1	10	49	21	25	5	☌ ♅ ☿ ☽ A.
24	a		3	23	8	11	50	21	25	6	Weather fit
25	b	Chriſtmas day	4	5 ♈	21	Morn.		21	25	8	☌ ☉ ♅
26	c	St. Stephen:	5	18	3	0	59	21	24	9	for the Seaſon
27	d	St. John.	6	1 ♉	2	2	0	21	24	11	but cold and
28	e	H. Innocents.	7	14	32	3	26	20	24	13	melancholy
29	f	Judas born.	8	28	2.	4	37	20	23	15	near me, that
30	G	1 S. aft. Chriſt.	9	12 ♊	53	5	49	20	22	16	uſed to be
31	a		10	27	30	6	54	20	21	18	otherwiſe.

In former Times, this Month I us'd to ſee
Friendſhip full grown and ſhining Charity,
Good Neighbourhood with Good-nature join'd,
And Hoſpitality in Plenty find;
But now, ah! now, no more theſe Virtues ſeen
In Miles of me, than if they'd never been;
Like Cities ſwallow'd up, exact the ſame,
No Wreck is left, but only juſt the Name.

M D	☉ riſe h.	m.	☉ ſets h.	m.
1				
2				
3				
4	8	4	3	56
5				
6				
7				
8	8	7	3	53
9				
10				
11				
12	8	9	3	51
13				
14				
15				
16	8	11	3	49
17				
18				
19				
20	8	13	3	47
21				
22				
23				
24				
25				
26				
27				
28	8	10	3	50
29				
30				
31				

OBSERVATIONS.

have made choice rather to have had but one Eye, or but one Hand, than never to have learnt to read, or been deprived all Books:

But Heav'n be prais'd, whoſe Mercies ſtill endure,
I Eyes and Hands enjoy, and Books in ſtore.

About the Year 1753 and 54, in my Obſervations, I took notice of the Sin and Folly of Luxury, with ſome Rules to be obſerved in Eating and Drinking; but it ſerved for little Uſe; read once perhaps, like a Sermon, then laid by and never thought on. Some time ago I read, that *Plato* having taken a Journey to *Athens*, on his coming home, he was aſked by the Philoſophers, if he had ſeen any thing worthy to be noted in a Place now called *Sicily*; he anſwered, *Vidi monſtrum in natura, Hominem bis ſaturatum in die*; becauſe he had ſeen a Tyrant bringing in a Cuſtom to eat twice a Day. But was *Plato* to be now living, what would he now think or ſay, when he had obſerved our modern Cuſtom now in *England*, firſt introduced by the Fair Sex, of eating four times a Day, (*ſi non plus*) whoſe enticing Eyes have, by their Example, induced their Huſbands to follow the Cuſtom of their Eating; which, if it be not a Vice, ('tis bordering on one) or at leaſt 'tis a Folly, for 'tis Cuſtom more than Nature that calls for it. Three Meals a Day is found

ſufficient for working People, and there can be no Reaſon, that thoſe who do not work, ſhould require more. I would adviſe the People I have been ſpeaking of, to read what Dr. *Cheyne* and others have wrote, that what is taken into the Body, is the firſt and chief efficient Cauſe of near all that Mankind ſuffer by Diſeaſes, that is, by the Quantity, or Quality. How many Perſons in a Year do I obſerve afflicted and brought down by Nervous Diſorders; by Palpitation, melancholy, ſtomachleſs, and other like Complaints, &c. By immoderate Tea-drinking, by ſome who drink it three or four times a Day: Tea is a noble, excellent, and harmleſs Liquor, drank with diſcretion; but a Quart or two is not ſo. But one great Motive that occaſions Women to be ſo frequent in drinking it, is their darling Pleaſure of chatting together, and learning what Faſhions are in Vogue, and the Follies of their Neighbours. I could ſay much more, but to no purpoſe; nothing will put by a Cuſtom of any kind whatever, that is once landed in this Kingdom; that we may learn by the ſilly Habit of Snuff-taking, and the foppiſh Uſe of wearing Pigtail Ties of Hair. Moſt Vices and Follies are found beneficial to ſome; Pride promotes the Intereſt of the Taylor and Milliner, Luxury increaſes the Phyſician's Wealth. Perhaps ſome Female or other will take ſome Diſguſt at my Reproof for drinking Tea two or three times a Day, and bid me lay my Hand on my Mouth; I own a few times I have ſlid into that Error, tho' but rarely: I never bring it to a Habit; on a time when I have miſſed my Dinner, or Dinner not ſettled, I have drank Tea ſuch times only. Theſe ſeventeen Years I have made no real Suppers, but generally not a Morſel; and no one enjoys a better State of Heath, even beyond what I did in my younger Days, praiſed be Almighty God for ſo great a Bleſſing. I am drawing my Obſervations to a Concluſion; I ſhall juſt offer a Word or two on the Art of Phyſick: It has been long a Maxim, that the more noble, excellent, or uſeful any thing in Nature or Art is found, the more liable is it to be marred, proſtituted, or counterfeited: this may be ſaid of the Science of Phyſick; what is more noble, or a greater Bleſſing? The King ſtands in need of it, as much as his meaneſt Subject; for what is Wealth and Power, to Health of Body and Mind? what uſe is Riches to a Man that has no Appetite, or lies under a Rack of Pain in the Gout, or Stone, or the like cruciating Pain?

Pain? Yet excellent as it is, its Fences are broken down, and expoſed to all treacherous Inſults, and illegal Proſtitutions: altho' it concerns the Lives of his Majeſty's Subjects, yet our Legiſlatures take no Notice of its Abuſe. I can but juſt name two or three ſorts of People, by whom Phyſick is violated and vilified. The Mountebanks are too common notorious Cheats to waſte Words about, who in five or ſix Weeks Time cheat poor ignorant Souls of near 1000 Pounds or more; yet this is yearly connived at; (is this a Thing of no Moment?) Here is another Kind of Pretenders, who boaſt of having a Patent for what they ſend Abroad, as a Catholicon, with pompous Epithet, as a Panacea pretending to cure twenty or thirty, or more of the principal Diſeaſes belonging to the human Frame: Another, he cries up a quite different Arcanum, and boaſts it will do the like; and ſo on ten or twenty more. The New-papers are weekly half filled with theſe miraculous Falſities. I have vaſtly more to ſay on this Head, but I ſhall only inſiſt on what I have often inculcated before: That were there to be a certain Number of the beſt and moſt celebrated Phyſicians ſelected, that *Europe* could produce, and all abounding with Knowledge in every Branch of Phyſick, they could never compound any univerſal Medicine for thoſe numerous Diſeaſes, as theſe above-meant impudently aſſert, and would bully Men into a Belief will cure, which is a mere Impoſſibility. If there was any Truth in it, Phyſick would become no Art at all; its Dignity would be quite dropt, and all the Philoſophy requiſite to attain it, would be found impertinent, and the almoſt endleſs Study of Phyſick needleſs; the great Circle of it might be contracted to a Cypher, and our numerous Herbs, the greater Part rendered uſeleſs, if what theſe Impoſtors boaſt of had any Truth in it. Further may be obſerved, the ſelf-ſame Medicine that has cured a Perſon one Time of ſuch or ſuch a Diſeaſe, will not cure him another Time of it; the human Frame is ſo liable to Variation, or what will cure one, will fail in another. Theſe Reaſons are only known to the real Phyſician, as I would explain had I more Room.

Friendly Readers,

I HOPE you won't take it amiſs, my borrowing this Page, and contracting my Judicials on the Heavenly Bodies; the Occaſion of it, my Room being too ſcanty at the beginning of theſe Sheets, to inſert ſeveral Anſwers I had to my Rebus and other Things; which ſhould I inſert all, it would ſeem a Piece of Tautology, it being near the ſame Words I have penned down in the firſt Sheet. But Mr. *Ingram* has anſwered my Enigma, and ſent an Anſwer to my Rebus, and to my ſecond Query, which for its Novelty I will inſert, as follows:

One *Beverage* a Taylor, ſome Hundred Years ago,
Made a Suit of Cloaths for a ſwaggering Beau;
Who ſtraitway put it on as ſoon as it was made,
And boldly goes to Town before Taylor was paid;
Some aſk'd if he had paid *Beverage*, he anſwered, no,
They ſaid 'twas a Forfeit, and ſhould before he go.

This is the Original of the Cuſtom to demand Beverage for new Cloaths.

To the firſt Query I had no Anſwer, which was, What are the dancing Lights ſometimes ſeen, that lead People out of their Way in Winter Nights?

I take it, and am inclined to believe it to be Birds, with ſome Feathers or Parts of them that ſhine; and ſeveral Gentlemen, Inquirers into Nature, have affirmed that it is Birds: there are Reaſons ſufficient to make it appear ſo, but my Room won't allow to inſert it.

I am going to propoſe three or four Enquiries, which I ſhould be glad to have ſome impartial and ingenious Solution to, by ſome of my Learned Readers.

Query 1. How are thoſe two Places in *Ruth*, chap. iv. ver. 4. with ver. 6. to be reconciled? *And he ſaid I will redeem it*, with ver. 6. *I cannot redeem it*.

2d Enquiry. In *Kings*, chap. v. ver. 18. we read of *Naaman's* going with his Maſter to a Heatheniſh Place of Worſhip, and ſeemed conſcious it was a Crime, if he bowed his Head there to his Maſter's Idol: I am deſirous to know whether the Act was ſinful or not.

Query 3.

Query 3. Whether our modern Methodiſts, one Sort of them at leaſt, did not learn to take upon them that uncharitable Principle of condemning all that are not of their Communion, from *Athanaſius's* nonſenſical Creed, where he has damn'd all that don't allow it?

Query 4. Is there a Priority in, or of Souls? I have ſeen Anſwers to it, but none ſatisfactory.

Some Diſquiſitions touching the Planetary Worlds.

READERS, before I come to treat of any Judgment on the Poſitions or Configurations of the Planets, for the ſake of Novelty, and to inform many of the Vulgar, and by way of Amuſement to them, I intend to ſay ſomething on the Planets themſelves; and that the Planets, in all probability, are celeſtial Worlds, and Worlds with Inhabitants; and this is no way inconſiſtent, or a mere Invention, or uncertain Diſcovery, but what is vouched by the Scripture, *Heb.* chap. xi. ver. 3. and allowed and approved of by all our late Philoſophers and Aſtronomers, of the moſt ſublime Geniuſes. God had no Deſign, as a certain great Author has wrote, to enumerate all the Works of the Creation in the Holy Scriptures, when it's plain to be underſtood, that under the general Name of Stars and Earth are comprehended all the Heavenly Bodies; we ſee a vaſt Number of Beings placed out of the reach of our Eyes, and out of our Obſervation with any Teleſcope; and yet 'tis ſaid, all Things were made for the Uſe of Man. But further, to give you ſome conciſe Hints of the Planetary Worlds, you are firſt to take Notice, that in this later Age, the Almighty has granted his Bleſſing on the Study, Inventions, and Improvements made by ſome eminent Aſtronomers, together with the Aſſiſtance of *Galilæus's* wonderful Inſtrument, the Teleſcope; we have learnt, that though the Moon is about 24000 Miles from us, yet we can perceive in her high Mountains, Valleys, and Seas, which our ancient Aſtronomers never once thought of. And ſeveral that are curious in Aſtronomy, have drawn out Maps of the Lands and Seas found in the Moon, and aſſigned particular Names to all the various Parts of the Moon: From thence I conclude, if we are allowed, as we are in many Particulars, to

reaſon from Analogy, from what we know to find out Things we have no certain Proof of; I thence am perſuaded, 'tis highly probable that this Philoſophy cannot meet with any Oppoſition from any one that 'tis worth while to reaſon with. That the Moon is inhabited with Men, and Animals of moſt Kinds, as we are, and that they enjoy their Senſes, have Reaſon, and underſtand Arts and Sciences, as we on this Earth. Firſt, I have ſaid already, it is not contrary to Scripture; *Moſes* ſaith, *God* made the Stars alſo, and all Things for the Uſe of Man; 'tis true, the Moon is of excellent Uſe to us, in ſupplying the Uſe of the Sun in the Night, and as one has ſaid, to teach us how our Time wears out; and again, to raiſe our Tide, being an indiſpenſible Neceſſity: Moreover, if this Point I have been treating of be true, as it is no way unreaſonable, the Moon is of univerſal Uſe to Millions beſides us; the Moon is a neighbouring Planet, or rather our Satellite, to attend us; and we are a Moon to the Inhabitants that are in the Moon, giving them fifty Times the Light we receive from them. If we ſhould allow theſe vaſt Bodies of the Planets to be nothing but a wild of Deſerts, of nothing but a bulky Maſs of Dirt and Stones and lifeleſs Matter put together, which proclaim an inſcrutable Wiſdom, we ſhould ſink them in Beauty and Dignity below our Earth; as one has ſaid. And further to the Subject in Hand; Suppoſe any one ſhould be at ſome inacceſſible Diſtance, and ſhould behold a magnificent Houſe, accommodated with all Things belonging to a Houſe, as Chimney, Windows, and the like, would it not be natural for him to conclude, 'twas built for ſome Man to live in, or was then living in it? The ſame may be allowed to the Moon and Planets. Beſides, as we learn by the Uſe of theſe our Glaſſes, not a Drop of Water, or a Leaf, but has its Inhabitants, therefore there is great Reaſon to believe that not only the Moon, but all the Planets, are inhabited with People in ſome Meaſure like ourſelves, and all Things that are neceſſary for their Being. But this doth not follow, that we are like ever to advance in our Knowledge touching theſe Lunarians, or People living in the Moon, or any way like to invent, or find out any Method to come at them, or commune with them; or that Biſhop *Wilkins's* Cobweb Project will ſtand us in any ſtead, ſo as to travel to them; and 'tis ſcarce fit we ſhould, for we ſhould uſe ſuch Treachery in our Commerce

with

with them, we ſhould ruin them, or teach them our Vices, and ſo they would ruin themſelves: ('tisſcarce to be thought that they are ſo baſe as we.) I am forced to contract what I at firſt intended; a vaſt deal more ought to be ſaid, touching all the reſt of the Planets being inhabited Worlds, as the 9 Satellites round *Saturn* and *Jupiter* are great Evidence, for each of them are about as big as our Earth, and obſerve the ſame Laws of Attraction. Moſt of the great Maſters in the celeſtial Sciences do conclude, that each fixed Star is a Sun, and have their Planetary Syſtem. O amazing! it is infinitely *ſupra humanam cogitationem.* But an Almanack will not afford the twentieth Part of Room required to handle this Subject as it ought. I ſhall diſmiſs it with the following uſeful Obſervation: That as it has pleaſed the Divine Being, in this latter Age, to enlarge and illuminate the Underſtanding of ſeveral induſtrious Students, and to bleſs them with Inſtruments and Means to inveſtigate his wonderful Works, and inconceivable Wiſdom and Power; let each one cry out with *David, Pſalm* 145, ver. 5. "As for me, I will be talking of thy Worſhip, thy Glory, and thy wonderful Works, and I will alſo tell of thy marvellous Acts." And if we live as the Divine Word directs us, theſe, and many other Myſteries, that we now ſee as through a Glaſs darkly, in a ſhort Time we ſhall underſtand vaſtly more perfect. Amen.

Judicials on the Enſuing Year.

Firſt, On the WINTER QUARTER:

WHICH commenceth *Dec.* 21, 35 m. paſt 11 morn. at which Time, 11 deg. 53 m. of ♓ will be found to aſcend; and about 24 deg. of *Capricorn* will culminate; at which Time we may obſerve a △ of ♄ and ♀ within Orbs, a ☌ of ♂ and ♀, of ♅ and ♀, and of ♅ and ♂. On erecting a Figure, theſe Conjunctons will be found to occupy the ninth Houſe; according to the Tenour of this Art, the ☽ lately paſt the ✶ to each of theſe three Planets that are conjoined, and applying to a ✶ of *Mercury*; and this is the State of the Celeſtial Wanderers. Before I advance any Thing on my Judicials from the above Poſitions and Aſpects, for the ſake of ſome Tyros in

this Art, and to let ſome modern Pretenders ſee or know, if they are not too conceited to learn, ſome popular Errors that have been confidently ſupported by adhering too much to the Doctrines planted by *Ptolomy*, taking all he wrote for Infallibility; for as he was deficient in his Aſtronomy, ſo conſequently he muſt be the ſame in his Aſtrology too. What is more common than for ſome annual Writers, when a Planet is afflected, eſpecially by *Mars*, in that Part of the Zodiack that is aſcribed to, or ſaid to preſide over ſuch or ſuch a Country, or City, as were cantoned out by *Ptolomy*; then they fall to predicting ſome great Calamity, as marching of Armies, and much Bloodſhed, and the like, will be found in thoſe Places that Part of the Zodiack is ſaid to be over: As *England* under ♈, *Ruſſia* under *Taurus*, *Scotland* under *Cancer*, and ſo on; all this is ſupported by Tradition, not at all by Reaſon; for as no juſt Reaſon can be found from jarring Principles, ſo no Man can frame a Judgment of War to enſue, without having the Nativity of the King of that Place, that is, where the Planet ſeems to threaten War; if the King has no Direction in his Nativity that inclines him to martial Actions; for if ſuch Aſpects as I have named, ſhould affect the Inclination of a Country to War, if it do not affect the King, no War will enſue. From this 'twas Mr. *Lilly's* Predictions were ſo wonderful exact, by Judgment from the Nativity of the Nation's King. Another Error in our rude Maſs of Aſtrology is, touching the Fortitudes and Debilities of the Planets. A Planet, when within 8 deg. 30 m. diſtant from the Sun, is ſaid to be combuſt, and deemed thence weak 5 deg. but when in Cazimi within 16 m. of the Sun, then he is accounted 5 deg. the ſtronger; a horrid Miſtake, and plainly ſhews *Ptolomy's* Error, in not knowing the true Syſtem of the Planets, or that the Planets are each a Globe of Earth, and have no Light but from the Sun.

Another ſtanding Error is fixed in all our modern Writings on Aſtrology, how a retrograde Planet is to be accounted 5 deg. weaker for his being retrograde, which, if reaſoned from Aſtrology itſelf, is a monſtrous Abſurdity; for the nearer we are to a Planet, the greater Effect he muſt ſhew, witneſs the Moon; for this 'tis eaſy to conceive, that when ☿ or ♀ is retrograde, their benevolent Qualities are the more viſible: But juſt the contrary may be expected, when ♄ and ♂ are retrograde; and

'tis

'tis my Opinion, the Aphelions and Perihelions of the Planets ought to be regarded in all Predictions relating to mundane Affairs, but more eſpecially in the Genethliacal Part of Aſtrology. And from theſe and ſome other the like Errors, this Art hath been rendered obſcure, and precarious, and deceivable; and many of the annual Predictions have been found a meer Jargon, without the leaſt Probability of Truth; which, in a great Meaſure, has rendered the Art and its Profeſſors liable to be traduced and ridiculed; for how can Truth be demonſtrated from, or by falſe Data? Theſe Errors, many of them I imbibed myſelf in my younger Days: But on a more probable Reaſoning, which ſhould be the Guide, and lead the Van to the true Knowledge of any Art, I threw off theſe traditionary Inconſiſtencies, wherewith this Art was involved; and muſt, and do ſtill confeſs, that the Art of Aſtrology is a ſublime and excellent Science, when refined from its Errors, by which many notable Events have been foretold in all Ages. Readers, I beg Pardon for theſe Digreſſions, and will now endeavour to form ſome Judgment, as far as the moſt correct Principles of this Art can ſuggeſt to me, from the Configuration of the Planets, and pen down ſome probable Events, like to attend this Nation a great Part of this Quarter.

I don't remember I ever found, ſince I wrote, the Planets in a more amicable Situation, than at the Initiation of this Quarter. Three Conjunctions in ♃, and the Moon in ✶ to three or four Planets: *Sagittarius* is always held for a Sign to ſignify Juſtice, honeſt Dealing, and Religion, &c. So that ſhould but one half happen as ſuch a Configuration ſeems to promiſe, we ſhould have a ſtrange and happy Revolution, as well as Reformation, in our Kingdom; however, let us hope for it. That *Tempus omnia revelat*, will help us to the Sight of it: To our Hope let us add our Prayers, that Truth and Juſtice may regain their former Station once more; and that every Man, in public or private Station, may be loyal to his King, and act honeſtly for his Country's Good: 'Tis high Time to be circumſpect when our all is at Stake; our Land was never more deſtitute of the above-nãmed Virtues than now; or, I may ſay, of all thoſe ſix Virtues *Spencer* ſo ingeniouſly penned in his beautiful Images, Holineſs, Temperance, Chaſtity, Juſtice, Friendſhip, Courteſy. They are all become like an Echo, we hear the Sound of theſe

Virtues, but cannot ſee them. At this Ingreſs, is found a ☌ of ♂ and ♀: from ſuch an Aſpect, or an ☍ or □ of ♂ and ♀, moſt Aſtrologers judge, denotes inordinate Love of Women; all Extremes tend to Vice, ſo does this from Love to Luſt; if a □ biaſs ſome to Luſt, much more a ☌; I mean to ſuch, where this ungovernable Paſſion has eclipſed their Reaſon. Be the Planets in whatever Poſition they will, we cannot obſerve Whoring ever ebbs of late, and flow it cannot: Children and Servants will imitate Parents and Maſters, Inferiors will follow the Example ſet them by Superiors; 'tis a riveted Vice, none is more faſhionable; for Shame, that formerly laid ſome Reſtraint on it, is quite effaced now-a-days.

In former Times, when the World was leſs mad,
Our Neighbour's Shame kept ſome from being bad.

Judicials on the SUMMER QUARTER.

THIS Year 1770, the Sun enters the *Ram* or *Aries*, *March* 20, about 55 m. 48 ſec. paſt noon, at which Punctum near 6 deg. of ♌ aſcend, and 14 deg. of ♈ on the 10 Houſe, the Sun in the ninth, in ☌ with *Mercury*, a △ of ♄ and ♅, and the Moon in □ to the Sun.

If I keep ſtrict to the Canons, I have no Grounds from this Art to launch out and predict any violent Action, or great Diſaſter to befall this Kingdom at Hand. The Aſcendant, nor his Lord, not much affected; the ☽ in □ to the Sun may indicate ſome Murmuring of the common People at ſome Men in Power, (they are too apt to repine at all Times, much more when under Oppreſſion.) The ☽ in reception with ♄, and the ☉ and ♀ in the 9, may, by this Art, denote a good Time for Merchants, and to ſuch as travel by Water long Journeys: If they act warily, they may at this Time gain much Riches and Honour, with leſs Danger than at Land: Tho' if Men are knaviſh at Land, they will be found the ſame at Sea; the Air will not alter their Minds. The Sun and *Venus* in the 9, may alſo have ſome Signification, that Learned Men, Clergymen, and ſome Officers of State, will obtain ſome Honour and Profit, and ſome others of honeſt Principles; for ſome few ſuch we have yet to be found, that have not bowed the Knee to the Courtiers

Courtiers Idol, or the Witchcraft of Intereſt, but ſtill retain heir Integrity; or elſe all regular Government would ſoon be perverted, and all Order grow into Confuſion. But at preſent, many Things tranſacted ſhew *mundus furioſus:* when at the worſt, expect 'twill mend, but 'tis not certain 'tis at the worſt. I ſhall wind up this Subject with a Sentence of *Julius Cæſar* touching ſome State Concern:

On the *Tarpeian* Steeple's Top the Crow,
Cry'd out, all is not well, but 'twill I trow.

I hope the ſame.) From any Thing I can conjecture, or to be obſerved from the Celeſtial Bodies, there is nothing threatened that is remarkably malign or calamitous this Quarter, like to befall *Old England*, whatever may *New E.* Great Men will be eagerly hunting after Wealth and Poſts of Honour; and Women, high or low, will be launching out after Pride and Pleaſure, whoſoever pay for it; whilſt the Poor labour, ſlave, and half ſtarve, and not regarded equal to ſome Horſes or Dogs.

Whilſt Great Ones coach it in a brilliant State,
The Poor muſt labour, live at any Rate.

On the SPRING QUARTER:

WHICH is always underſtood when the Sun toucheth that Conſtellation termed *Cancer*, which is this Year on *June* 21, 5,8 m. paſt noon; at which Time about 20 deg. of ♎ aſcend, and 26 of *Cancer* on the Mid-heaven. According to the Tenets of this Art, or Doctrine learnt from the Stars, here not many notable Events on mundane Affairs to be foretold: this Ingreſs: I have ſet no Figure, any Man that can judge of it may. ♂ is in the 7th in ✶ to ♀, and Lord of the 2d. This may point out ſome labouring, induſtrious People, who will get Money in the worſt of Times; but others that are idle, and keep one Part of their Time, and ſpend the other Part in Drinking-Houſes, will meet with nothing but Poverty, be the Times never ſo well.

He that will thrive muſt riſe at five,
He that has thriven may lie till ſeven,
He that will never thrive may lie till eleven,--(or all Day.)

The ☌ of ♄ and ♀ I muſt not paſs by unobſerved, n the Time this Quarter commenceth. 'Tis the Judgment of gr Authors in the Science, (whoſe Writings I have by me) I ſh not recite their Names, that ſuch a Conjunction indicates t Death or Downfall of famous Eccleſiaſticks; if not Death, L of Fame and Place, for ſome Time. But moſtly this w belong to one of the See of *Rome*. Otherwiſe ſuch an Aſp denotes ſome elderly great Man, one ſomewhat carnally minde will now about take to his Bed ſome gay Nymph, one wh has nothing ſaid about her Fortune; but one may venture predict his Fortune without ſetting a Figure; for, as *Shakeſpea* ſaith,

Let *Hercules* himſelf do what he may,
The Cat will mew, the Dog will have his Day.

Some may ſay this is no great Subject of Prediction, yet it i an Axiom as generally true; *ſed conſideratis conſiderandis*. On a more circumſpect View, I find ♄ and ♂ near a □ at the Sun's entering ♋, and ♂ in the 7, the ſame to ♀; this, *ſecundum artem*, may ferment and ſtimulate ſome Diſcordancy tending to Sedition or War.

I ſincerely wiſh it may not happen within our Sovereign's Dominions. Things at Home move of late in a rugged Sphere, and great Part of our national Oeconomy is unjointed; and what was once Law, is now turned into Miſrule and Confuſion. What ever Squares and Oppoſitions are found among the Planets, here is a greater Number found in this Kingdom; and Madneſs and Folly ſcarce allow Juſtice and Honeſty Elbow-room. *Perdita tua ex te, O Anglia.*

When once Religion 'gins to be ſhook off,
Law's trampled on, and Government's a Scoff.

Some Remarks on the AUTUMN QUARTER.

THIS Quarter takes its Beginning, according to Mr. *Leadbetter's* Tables, and they have been accounted as good as the beſt; by them it begins *Sept.* 22, 13 h. 47 m. p. merid. or more vulgarly, *Sept.* 23, at 1 h. 47 m. 24 ſec. in the morn. at which Time 15 deg. 50 m. of ♎ will be found to aſcend;

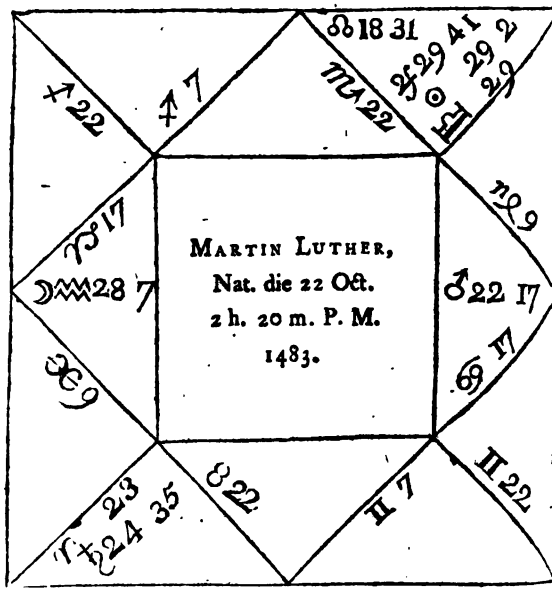
and

d 29 d. of ♈ on the Mid-Heavens. At this 3d Criſis of the ear, ♂ is found in □ to ☿, and a □ of ♄ and ☽. If the anets ſhould by their Influence bring about or effect what ey threaten, this Quarter will be attended with many Enor-ities; and what was maſhed up or a brewing in *June*, we all now about have the Dregs of it handed about: Yet I don't re to act or imitate Mr. *Partridge*, formerly on ſuch Aſpects, judge that Nature will be reſtleſs in itſelf, and tend to Vio-nce and Convulſion, to perplex People with Fear, as a certain riter frequently does. But correſpondent to this Art, e Stars ſeem to threaten many ſcurvy Actions and illegal rojects, Jealouſies among great Men, and Diſcontent among e lower Sort, together with much Treachery, Lying, Robbing, d the like; Sickneſs of the Body and Mind; the Head is ſick, d the Heart is faint, and Purging is neceſſary, and Hellebore ill be neceſſary in the national Phyſick. I could enlarge much this, but don't care to be a Meſſenger of unpleaſant Tidings; t *verbum ſat ſapientibus*. So I will put a Period to all State redictions for this Year, concluding with my Prayer for our vereign King *George*, that God would ſend him Health, long ife and Proſperity, and to add to it what *Solomon* petitioned r, to give him an underſtanding Heart, to judge the People. men.

THERE will be only two Eclipſes this Year, both of the Sun, and both inviſible; as found always when but two. rſt is *May* 25, near 2 morn. The other *Nov.* 17, about 10 the morn. yet inviſible, from the Greatneſs of the Moon's rallax and other Cauſes; but as they will not be ſeen, it is t material to enquire into their Effects.

I once more adventure to name the Weather, for nine imes, the Day, or Day before, or Day after, for ſome ain, to ſhew that the Moon's Influence is to be obſerved on e Air, as well as in the Tides, though not equal. The ays I ſhall nominate for Rain, are as followeth: *February* , *March* 22, *April* 11, 16, and 25 or 26, *September* 12, d 20, *November* 4, and 17. If five Times are right, 'tis ough to ſhew there is ſomething more than Chance in it.

MARTIN



This here is the Nativity, or Plan of the State of the heaven Bodies, at the Birth of that famous Champion for our Protestan Religion we now enjoy, *Martin Luther*, who was born 148 *October* 22, 2 h. 20 m. post Mer. I promised this Nativi some Years ago, and now with some Labour I have calculat it from *Greenwood*'s Tables; with some few Corrections, tak from the *Caroline* Tables. I was for a long Time informe this great Man had five Planets in his 9th House; but when had set the Figure, and calculated the Planets, I found but thre Planets in the 9th; but on an exact Reduction of the Meridian these three with the Dragon's Head there, is a sufficient Proo what Influence the Stars have over Men's Inclination and Dispo sition of Mind; here is a conspicuous Evidence to any one th is not totally prejudiced against Astrology. The Sun, *Jupite* and *Venus*, with the ☊, all in the House of Religion, t especial

especially Representative of Religion; which, as natural Causes might, did incite and stimulate him to act with such a brave Spirit of Zeal, to throw off the abominable Errors of the Church of *Rome*: vast other Particulars are signified by this Nativity, as attended him in the Series of his Life. ♂ and the ☽ point out his Enemies, and ♃ his Friends, which I can't expatiate on now as the Things require, but rather shall act the Historian. His Birth-day ought by all that have a Veneration for Religion to be commemorated next to any of the Saints: (but they are all near forgotten of late.) When he was 34 Years old, in the Year 1517, he published against the Pope, the Pope excommunicates him, and *Luther*'s Books were burnt, and *Luther* burns the Pope's Bull at *Wittenberg*. In 1525 the Duke of *Landsburg* and Governor of *Sweden* became Lutherans; 1526 the Landgrave of *Hesse* went about to reform the Churches. In 1527 the Anabaptists begun to spread, the Imperialists besiege and take *Rome*. At *Berne*, 1528, the Mass was abolished, and Images and Altars pulled down; the same at *Basil*: 1529 the Name of Protestants began, upon the protesting of the Elector and Landgrave. 1530 the Clergy in *England* obliged to pay 1000001. to the King. The *Smalcalden* League between divers Princes of *Germany*, for defence of the Protestant Religion. In 1534 the Pope's Power was abrogated in *England*. In 1535 *Germany* expelled the Bishops, and altered their Religion. 1538 the Bible was commanded to be read in *English*. In 1539 a Reformation was made at *Messina* and *Brandenburg*. 1545 a Toleration of Religion was granted to the Protestants in *France*. Popery in *England* during Queen *Mary*'s Reign. In 1558 the Protestant Religion was again established in *England*. What I shall further observe touching this remarkable Hero for our reformed Religion is, first, as you may observe, by inspecting his Nativity, by which you may find a strong Evidence to confirm what I advanced, in some of my Observations last Year; how that it is very seldom, if ever, that any Man is ever found eminently remarkable for any notable Gift, Quality or Virtue, but what had a Nativity correspondent thereto. According to the genuine Principles of Astrology, another Point worthy to be observed under this Head, is to remind you of the various Methods of Providence, in bringing about his Purposes at all Times; he can bring Light out of Darkness, and Good out of Evil.

Evil. King *Henry* being ſo given to Women, wanted a Divorce; the Pope refuſed granting it, which ſo exaſperated the King, that he ſhook off the Religion of the *Roman* Church, to be revenged of the Pope, yet ſtill retained his Doctrine; this Overture was a notable Aſſiſtance in bringing about the Reformation *Martin Luther* had begun in *Germany*.

Let this acquaint all People, the Author will not take in any Letter, unleſs on real Buſineſs, or from ſome Friends, unleſs Poſtage is paid.

Let this inform the City and Country People,

THAT the Author of this Speculum, for a long Series of Years Licenſed Phyſician and Surgeon, doth continue to prepare as formerly a notable Dentifrice for the Teeth, to cleanſe, preſerve, and ſtrenghten them, and much prevents their aching; takes away all ſcorbutic Pains, and Eroſion of the Gums; and has preſerved ſome Perſons Teeth to a great Age, as Thouſands will atteſt. It is to be ſold in ſome Towns at 8d. per Bottle.

The Author has for many Years cured Wens without cutting, and moſt ſcrophulous Swellings, and has cured more Patients than any in *Wilts*.

And he only prepares Sir *Hans Sloane's* Eye-Oinrment, ſo famous for ſore and weak Eyes. And applied himſelf to the Study and Cure of the Rickets.

FINIS.

Ὀλύμπια Δώματα·

OR, AN

ALMANACK

For the YEAR of

Our LORD GOD, 1770.

Being the Second after

BISSEXTILE, or LEAP-YEAR,

And from the World's Creation, 5774.

Wherein is contained the Lunations, Conjunctions, Aſpects, and Effects of the Planets; the Increaſe, Decreaſe, and Length of the Days and Nights; with the Riſing, Southing, and Setting of the Planets and fixed Stars throughout the Year; whereby may be known the exact Hour of the Night at all Times, when either the Moon or Stars are ſeen.

Calculated according to Art, and referred to the Horizon of the ancient and renowned Borough-Town of *Stamford* (formerly a famous Univerſity) whoſe Latitude is 52 Deg. 40 Min. ſitting all the middle Counties of *ENGLAND*, and without ſenſible Error the whole Kingdom.

Non eſt è Terris mollis ad Aſtra Via.

By TYCHO WING, *Philomath.*

LONDON:

Printed by T. PARKER, for the Company of STATIONERS.

Price NINE-PENCE Stitched.

COMMON NOTES for the YEAR 1770.

The Golden Number	4
Epact	3
Cycle of the Sun	15
Dominical Letter	G
Roman Indiction	3
Number of Direction	25

A TABLE of TERMS and their RETURNS.

Hilary Term begins Jan. 23. and ends February 12.

Returns or Essoign-Days.					
In eight days of St. Hilary,	Jan.	20	21	22	23
From the day of St. Hilary, in 15 days,		27	28	29	30
On the Morrow of the Purif. Bleſſ. Mary,	Feb.	3	4	5	6
In eight days of the Purif. of Bleſſ. Mary,		9	10	11	12

Easter Term begins May 2, ends May 28.

					May
From the day of Easter in 15 Days,	April	29	30	1	2
From the day of Easter in 3 Weeks,	May	6	7	8	9
From the day of Easter in 1 Month,		13	14	15	16
From the day of Easter in 5 Weeks,		20	21	22	23
On the Morrow of the Aſcenſion,		25	26	27	28

Trinity Term begins June 15, ends July 4.

On the Morrow of the Holy Trinity,	June	11	12	13	15
In eight days of the Holy Trinity,		17	18	19	20
From the Holy Trinity in 15 Days,		24	25	26	27
From the day of the Holy Trinity in 3 Weeks	July	1	2	3	4

Michaelmas Term begins Nov. 6, ends Nov. 28.

On the Morrow of All Souls,	Nov.	3	4	5	6
On the Morrow of St. Martin,		12	13	14	15
In eight days of St. Martin,		18	19	20	21
From the day of St. Martin, in 15 Days,		25	26	27	28

N. B. No Sittings in *Weſtminſter-Hall* on Aſcenſion-day, Midſummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note, That the firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance.

The REGAL Table,

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin *Jan.* 1.		Length of each Reign, accountin. 28 D. a Month.			Number of Years expired since they began to Reign.	
Kings Names	began to reign	Y	M.	D	Bef	Kings Names
William I.	1066 Oct. 14	20	11	22	704	William 1
William II.	1087 Sept. 9	12	11	18	683	William 2
Henry I.	1100 Aug. 1	35	4	12	670	Henry 1
Stephen	1135 Dec. 2	18	11	19	635	Stephen
Henry II.	1154 Oct. 25	34	9	2	616	Henry 2
Richard I.	1189 July 6	9	9	22	581	Richard 1
John	1199 April 6	17	7	1	571	John
Henry III.	1216 Oct. 19	56	1	1	554	Henry 3
Edward I.	1272 Nov. 16	34	8	9	498	Edward 1
Edward II.	1307 July 7	19	7	6	463	Edward 2
Edward III.	1327 Jan. 25	50	5	7	443	Edward 3
Richard II.	1377 June 21	22	3	16	393	Richard 2
Henry IV.	1399 Sept. 29	13	6	4	371	Henry 4
Henry V.	1413 Mar. 20	9	5	24	357	Henry 5
Henry VI.	1422 Aug. 31	38	6	17	348	Henry 6
Edward IV.	1461 Mar. 4	22	1	8	309	Edward 4
Edward V.	1483 April 9	0	2	18	287	Edward 5
Richard III.	1483 June 22	2	2	5	287	Richard 3
Henry VII.	1485 Aug. 22	23	8	19	285	Henry 7
Henry VIII.	1509 Apr. 22	37	10	1	261	Henry 8
Edward VI.	1547 Jan. 28	6	5	19	223	Edward 6
Q. Mary I.	1553 July 6	5	4	22	217	Q. Mary 1
Q. Elizabeth	1558 Nov. 17	44	4	15	212	Q. Elizabeth
James I.	1603 Mar. 24	22	0	3	167	James 1
Charles I.	1625 Mar. 27	23	11	1	145	Charles 1
Charles II.	1649 Jan. 30	36	0	7	121	Charles 2
James II.	1685 Feb. 6	4	0	17	85	James 2
Will. & M	1689 Feb. 13	13	0	24	81	William 3
Q. Anne	1702 Mar. 8	12	5	6	68	Q. Anne
George I.	1714 Aug. 1	12	11	6	56	K. George 1
George II.	1727 June 11	33	4	13	43	K. George 2
George III.	1760 Oct. 25	Whom God grant long to reign				

A TABLE of the Moon's Southing, of excellent Use to find the Time of High-Water, and Hour of the Night, for the first six Months of this present Year 1770.

Days	Jan. h. m.	Feb. h. m.	March. h. m.	April. h. m.	May. h. m.	June. h. m.
1	3A.14	4A 6	2A.54	4A.43	5A.38	6A 5
2	3 59	4 56	3 48	5 42	6 31	7 43
3	4 42	5 50	4 43	6 42	7 23	8 28
4	5 28	6 47	5 41	7 36	8 10	9 15
5	6 18	7 47	6 39	8 29	8 57	10 3
6	7 10	8 47	7 40	9 20	9 45	10 42
7	8 6	9 48	8 38	10 8	10 31	11 41
8	9 7	10 46	9 34	10 56	11 18	Morn.
9	10 9	11 42	10 27	11 45	Morn.	0 30
10	11 12	Morn.	11 18	Morn.	0 9	1 18
11	Morn.	0 35	Morn.	0 33	0 58	2 4
12	0 13	1 27	0 7	1 22	1 47	2 50
13	1 11	2 15	0 56	2 11	2 39	3 33
14	2 5	3 2	1 44	3 2	3 24	4 16
15	2 54	3 49	2 33	3 51	4 10	4 59
16	3 42	4 37	3 24	4 39	4 56	5 43
17	4 28	5 26	4 12	5 27	5 42	6 23
18	5 15	6 15	5 1	6 14	6 25	7 16
19	5 58	7 3	5 50	6 58	7 7	8 6
20	6 45	7 51	6 38	7 43	7 53	9 1
21	7 33	8 40	7 26	8 30	8 41	10 0
22	8 21	9 25	8 13	9 16	9 32	11 3
23	9 11	10 12	8 59	10 3	10 27	0A. 8
24	10 0	10 58	9 44	10 52	11 24	1 10
25	10 45	11 43	10 29	11 45	0A.26	2 9
26	11 32	0A 30	11 15	0A 41	1 30	3 4
27	0A.19	1 17	0A. 5	1 41	2 32	3 57
28	1 4	2 4	0 57	2 42	3 31	4 47
29	1 48		1 50	3 43	4 26	5 35
30	2 32		2 46	4 43	5 19	6 21
31	3 18		3 44		6 9	

Note. The Moon, or any star, is said to be South, when they appear in that Quarter of the Heavens in which the Sun is at Noon Day, which for the Moon this Table will direct you:

A Table of the Moon's Southing, of excellent Use to find the Time of High-Water, and Hour of the Night, for the last six Months of the present Year 1770.

Days	July		August.		Sept.		Oct.		Nov.		Dec.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	7	A. 8	8	A. 17	9	A. 27	9	A. 45	10	A. 45	11	A. 5
2	7	57	9	5	10	12	10	29	11	36	Morn.	
3	8	45	9	53	10	57	11	15	Morn.		0	4
4	9	32	10	40	11	41	Morn.		0	29	1	5
5	10	21	11	25	Morn.		0	1	1	26	2	6
6	11	9	Morn.		0	25	0	50	2	24	3	4
7	11	57	0	9	1	9	1	40	3	26	4	9
8	Morn.		0	52	1	56	2	35	4	23	4	53
9	0	43	1	36	2	46	3	32	5	18	5	44
10	1	28	2	19	3	37	4	31	6	13	6	33
11	2	11	3	4	4	31	5	29	7	5	7	21
12	2	54	3	51	5	28	6	26	7	54	8	9
13	3	36	4	40	6	27	7	22	8	44	8	57
14	4	20	5	32	7	25	8	15	9	31	9	49
15	5	5	6	28	8	23	9	7	10	20	10	37
16	5	52	7	27	9	19	9	57	11	12	11	28
17	6	45	8	27	10	14	10	47	0	A. 4	0	A. 17
18	7	39	9	28	11	9	11	38	0	54	1	5
19	8	38	10	27	0	A 2	0	A. 30	1	45	1	51
20	9	39	11	25	0	52	1	21	2	33	2	36
21	10	42	0	A. 22	1	43	2	13	3	20	3	19
22	11	44	1	16	2	34	3	4	3	7	4	1
23	0	A. 45	2	6	3	25	3	56	4	51	4	43
24	1	41	2	56	4	17	4	44	5	34	5	25
25	2	34	3	47	5	7	5	31	6	17	6	8
26	3	24	4	37	5	56	6	16	7	0	6	54
27	4	13	5	27	6	46	7	0	7	44	7	43
28	5	1	6	16	7	33	7	43	8	28	8	36
29	5	49	7	5	8	17	8	26	9	17	9	32
30	6	38	7	54	9	1	9	11	10	9	10	32
31	7	27	8	41			9	57			11	33

you; and for the Planets and most remarkable fix'd Stars their Southing are noted in every Month in the Year, by which the Hour of the Night may be readily discover'd.

WING 1770.

The Use of the preceding TABLE *of the Moon's Southing, to find the Time of High-Water, and the Hour of the Night.*

I. To find the Time of High-Water in most Parts of ENGLAND.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which stand against the Place required in the following Table of Sea Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

A Table of the Sea Coasts.	H.	M.
Portsmouth, Queenborough, Southampton,	0	00
Rochester, Winchelsea, Flushing,	0	45
Downs, Gravesend, Ramkins, Guernsey,	1	30
Denbigh, Bell-Isle, Holy-Isle, Downs-Road,	2	15
London, Yarmouth, Whitby, Hartlepool,	3	00
Scarborough, Berwick, Flushing, Staples,	3	45
Flamborough, Humber, Bridlington-Bay,	4	30
Plymouth, Ramsey, Newcastle, Severn,	5	15
Lynn, Foshyke, Hull, Weymouth, Dartmouth, Cross-key,	6	00
Boston, Start-Point, Foulness, Bristol Key,	6	45
Bridgwater, Milford-Haven, Lizard, Winterton,	7	30
Yarmouth, Isle of White, the Needles,	8	15
Isle of Man, Orkney, Peal, South-Foreland,	9	10
Dover, Harwich, Orfordness, Bullein,	10	10
Rye, Solsbay, Margate-Road,	11	15

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,

2. If the Shadow wants of 12, see how much it wants of it; which Time, subtracted from that of the Moon's Southing, leaves the Time of Night. *Note*, You must add 12 Hours to the Moon's Southing, if need be.

3. If the Shadow has past 12, add the Time that it has past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from the Sum, if need be.

The KALENDAR Explain'd.

The LEFT-HAND Pages contain at Top,

The New and Full Moons with their Quarters; also the ising and Setting of *Jupiter* and *Venus* to every fifth Day.

Below which are *Seven* Columns,

The first is the Days of the Month. The second the Days the Week, *Sundays* being marked with the Dominical Let- for the Year.

The third Column contains the Fasts and Festivals of the *hurch of England*, and other remarkable Days, as also the our and Minute of the Sun's Rising and Setting on certain ays, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, actly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every ay at Noon in the Meridian of *London*.

The seventh contains the Planets Mutual Aspects and Varia- n of the Air.

On the Tops of the RIGHT-HAND Pages

Are nine Columns, containing the true Longitude and De- nation of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 6th ay of the Month.

Below which

Are four other Columns. The first is the Days of the Month.

The second Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column, under Observations, you have the Rising, ushing, and Setting of *Saturn*, *Mars*, and *Mercury* to certain ays; also the Moon's Appulse to some noted fixed Stars, d Planets, with many other useful Remarks.

Note. You have the Longitude and Declination of *Mercury*, the Page after *December*.

January 1770.

First Quarter the 5th Day, at 1 in the Morn.
Full Moon the 11th Day, at 5 at Night.
Laſt Quarter the 18th Day, at 5 at Night.
New Moon the 26th Day, at 11 at Night.

Mard	Jupiter riſes.	Venus riſes.
1	5M49	6M32
7	5 29	6 45
13	5 10	6 50
19	4 52	6 55
25	4 31	6 58

M	W	Holy Days. ☉ riſes & ſets	Moon ſets.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	♑	Circumciſion.	8A.55	29♒ 7	7S. 6	
2	1	Sun riſes 8 9	10 5	11♓39	2 24	
3	W	Sun ſets 3 52	11 16	24 20	2N29	
4	T	Day br. 5 :8	Morn.	7♈30	7 32	
5	F	Old Chriſt. Day	0 30	20 55	12 3	Sharp froſty
6	S	Epiphany.	1. 46	4♉41	16 18	Weather.
7	G	1 S. aft. Epiph.	3 3	18 51	19 36	
8	M	Plow Monday.	4 22	3♊21	21 50	
9	T		5 33	18 12	22 37	☽ Perigeo
10	W	Clock faſt 8m.	6 33	3♋16	21 46	☌ ☉ ♀
11	T	Twilight 2 8	☽ riſes	18 25	19 21	
12	F	Old N. Year. da.	5A.40	3♌30	15 37	Cold rain,
13	S	Camb. T. beg.	7 4	18 19	11 0	Hilary
14	G	2 S. aft. Epiph.	8 26	2♍47	6 17	ſnow or fleet.
15	M	Oxf. Term beg.	9 44	16 46	0 31	☌ ♄ ♀
16	T		10 56	0♎18	4S.43	
17	W	Q. Twelfth da.	Morn.	13 32	9 24	
18	T	☾ Char. b. d. k.	0 9	26 1	13 36	☌ ☉ ♄
19	F	Sun riſes 7 51	1 19	8♏20	17 7	More mild and
20	S	Fab an.	2 25	20 25	19 51	temperat e.
21	G	3 S. aft Epiph.	3 27	2♐18	21 40	Agnes.
22	M	Day br. 5 42	4 25	14 5	22 29	
23	Γ	Term begins	5 15	25 51	22 20	☽ Apogeo.
24	W	Clock faſt 13m.	5 56	7♑40	21 11	
25	T	Conv. St. Paul	6 31	19 33	19 5	
26	F		☽ ſets.	1♒34	16 9	
27	S	Sun riſes 7 39	5A.25	13 47	12 32	Wind and ſome
28	G	4 S. aft. Epiph.	6 36	26 10	8 6	wet.
29	M	Sun ſets 4 25	7 45	8♓45	3 39	
30	Γ	K. Char. J. M.	8 57	21 30	1N13	☌ ♄ ♀
31	W		10 9	4♈29	6 5	

Wing.	☽	Saturn.		Jupiter.		Mars.		Venus.	
		Ω	Declin.	♐	Declin.	♐	Declin.	♐	Declin.
	1	0	3 10N	29 11	59 21 S. 41	16 9	23 S. 1	20 49	22 S. 35
Jan.	7	29 ♑	3 20	30 13	13 21 51	20 31	23 28	28 28	23 8
	13	29	6 20	43 14	26 21 59	24 53	23 46	5♈51	23 16
1779	19	28	3 20	49 15	36 22 7	29 9	23 56	13 22	22 59
	25	28	0 20	56 16	43 22 15	3♈41	23 57	20 53	22 16

M D	Sun's Place.		Sun's Declin	Observations.
1	11♈	14	23 S. 0	Saturn rises 21m. past 5 in the aftern.
2	12	15	22 54	Seven Stars south 40m. past 8 at night.
3	13	16	22 48	Day increased 10 minutes.
4	14	17	22 42	Day 7 hours 46 minutes long.
5	15	18	22 35	
6	16	19	22 28	Mars rises 12m. past 6 in the morn.
G	17	21	22 2	Saturn rises 53m. past 4 in the after.
8	18	22	22 12	Day increased 18 minutes.
9	19	23	22 4	Aldebaran south 56m. past 8 at night.
10	20	24	21 55	Day 7 hours 56m. long.
11	21	25	21 46	
12	22	26	21 36	Mars rises 7m. after 6 in the morn.
13	23	27	21 26	Saturn rises 24m. after 4 in the after.
G	24	29	21 15	Day increased 30 minutes.
15	25	30	21 4	Seven Stars South 43m. after 7 at night.
16	26	31	20 53	Day 8 hours 10 minutes long.
17	27	32	20 41	
18	28	33	20 29	Mars rises 3m. after 6 in the morn.
19	29	34	20 16	Sun enters ♒ 1m. after 10 at Night apparent time.
20	♒	35	20 3	
G	1	36	19 50	
22	2	37	19 36	Saturn sets 43m. past 7 in the morn.
23	3	38	19 22	Day increased 56 minutes.
24	4	39	19 7	Day 8 hours 32 minutes long.
25	5	40	18 53	Mars sets 56 minutes past 5 in the morn.
26	6	41	18 37	
27	7	42	18 22	Rigul south 21 m. after 5 in the morn.
G	8	43	18 6	Saturn sets 17 m. past 7 in the morn.
29	9	44	17 50	Day increased 1 hour 16 minutes.
30	10	45	17 34	Day 8 hours 52 minutes long.
31	11	46	17 17	

February 1770.

First Quarter the 3d Day, at Noon.
Full Moon the 10th Day, at 4 in the Morn.
Last Quarter 17th Day, at 1 in the After.
New Moon the 25th Day, at 4 in the After.

Days	Jupiter rises.	Venus rises.
1	4M 8	6M 58
7	3 49	6 54
13	3 30	6 50
19	3 11	6 45
25	2 52	6 36

M D	W D	Holy Days. ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	Twilight 2 0	11A.24	17♈41	10N 46	
2	F	Purifi. B.V.M.	Morn.	1♉ 6	15 2	
3	S	Blaze	0 41	14 46	18 33	
4	G	5 S. aft. Epiph.	1 56	28 42	21 6	Windy but fair
5	M	Agatha	3 8	12♊55	22 22	mostly.
6	T	Day break 5 22	4 12	27 23	22 9	☽ Perigeo.
7	W		5 3	12♋ 3	20 26	✱ ☉ ♃
8	T	Clock fast 15m.	5 45	26 51	17 22	
9	F	Sun rises 7 16	6 17	11♌39	13 10	
10	S	Sun sets 4 46	☽ rises.	26 19	8 15	
11	G	Septuag. Sund.	7A.10	10♍43	2 56	Frosty Weather
12	M	Term ends	8 29	24 42	2S.21	now about.
13	T	Old Candl. Day	9 44	8♎17	7 24	
14	W	Valentine.	10 57	21 24	11 56	
15	T		Morn	4♏ 7	15 46	
16	F	Twilight 1 57	0 5	16 28	18 49	
17	S	Day br. 5 4	1 11	28 34	20 57	✱ ♃ ♀
18	G	Sexages. Sund.	2 11	10♐28	22 7	Moderate Wea.
19	M	Sun rises 6 57	3 5	22 17	22 18	☽ in Apogeo.
20	T	Sun sets 5 5	3 51	4♑ 4	21 28	for the Season.
21	W		4 28	15 55	19 41	
22	T	Clock fast 14m	4 59	27 55	17 2	
23	F	Day br. 4 53	5 25	10♒ 6	13 38	☍ ♄ ♂
24	S	St. Matthias	5 49	22 30	9 35	☌ ☉ ☿
25	G	Shrove Sunday	☽ sets.	5♓ 9	5 2	
26	M		6A 45	18 2	0 13	Wet & Windy
27	T	Shrove Tuesd.	7 59	1♈10	4N 42	☌ ♀ ☿
28	W	Ash Wednesd.	9 14	14 29	9 31	

Wing.	☽	Saturn.			Jupiter.			Mars.			Venus.		
	☽	♑	☽	Declin.	♃	☽	Declin.	♍	☽	Declin.	♍	☽	Declin
Feb.	1	27	33	21 N	3	17	58	22 S.	22	8	53	23 S.	47
	7	29	6	21	9	18	58	22	27	13	21	23	28
	13	26	40	22	15	19	54	22	31	17	50	23	1
	19	26	17	22	19	20	46	22	35	22	20	22	26
1779.	25	25	57	21	24	21	32	22	38	26	51	21	41

M	Sun's	Sun's	Observations.
D	Place.	Declin.	
1	12 ♒ 46	17 S 0	Mars rises 49 minutes past 5 in the morn.
2	13 47	16 42	Mercury sets 7 min. past 6 in the Aftern.
3	14 48	16 25	Saturn sets 51 min. after 6 in the morn.
G	15 49	16 7	Day increased 1 hour 34 minutes.
5	16 50	15 49	Day 9 hours 12 minutes long.
6	17 50	15 30	
7	18 51	15 11	Rigel south 37 minutes past 7 at night.
8	19 52	14 52	Mars rises 41 min. after 5 in the morn.
9	20 52	14 33	Mercury's greatest Vespertine Elong from
10	21 53	14 14	the Sun 18° 8′; sets 1h. 44m. after him.
G	22 54	13 54	
12	23 54	13 34	Saturn sets 14 min. past 6 in the morn.
13	24 55	13 14	Mars rises 34 min. past 5 in the morn.
14	25 55	12 53	Day increased 2 hours 12 minutes.
15	26 56	12 33	Day 9 hours 50 minutes long.
16	27 56	12 12	
17	28 57	11 51	Sirius south 29 minutes after 8 at night.
G	29 57	11 30	Sun enters ♓ 30 min. past noon.
19	♓ 58	11 9	Saturn sets 46 min. past 5 in the morn.
20	1 58	10 47	Mars rises 24 m. past 5 in the morn.
21	2 58	10 25	
22	3 59	10 4	Procyon south 2 minutes past 9 at night
23	4 59	9 42	Day increased 2 hours 46 minutes.
24	5 59	9 20	Day 10 hours 24 minutes long.
G	7 0	8 57	Saturn sets 22 m. past 5 in the morn.
26	8 0	8 35	Mars rises 16 m. past 5 in the morn.
27	9 0	8 12	Procyon south 44 m. after 8 at night.
28	10 0	7 50	

March, 1770.

First Quarter the 4th Day, at 9 at Night.
Full Moon the 11th Day, at 4 in the After.
Laſt Quarter the 19th Day, at 10 in the Morn.
New Moon the 27th Day, at 6 in the Morn.

Day	Jupiter riſes.	Venus riſes
1	2M29	6M31
7	2 21	6 23
13	2 1	6 14
19	1 41	6 4
25	1 21	5 53

M W	W D	Holy Days. ☉ riſes & ſets.	Moon ſets.	Moon's Place.	Moon's Declin	Aſpects and Weather.
1	T	David.	10A31	27♈59	13N53	
2	F	Chad.	11 47	11♉38	17 36	
3	S	Twilight 155.	Morn.	25 25	20 20	
4	G	1 Sun. in Lent	1 10	9♊20	21 55	
5	M	Pri. Heſſe born.	2 5	23 25	22 7	☽ in Perigeo.
6	T		3 0	7♋36	20 55	Windy, but fair
7	W	Ember Week.	3 44	21 53	18 23	moſtly.
8	T	Sun riſes 6 24	4 18	6♌15	14 42	
9	F	Sun ſets 5 38	4 47	20 37	10 10	
10	S	Day br. 4 23	5 13	4♍52	5 7	
11	G	2 Sun. in Lent	☽ riſes.	18 56	0S. 8	
12	M	Gregory.	7A23	2♎41	5 16	High Win. &
13	T		8 38	16 6	9 45	□ ☉ ♅ wet.
14	W	Cl. faſt 10 min	9 53	29 12	14 10	
15	T	Sun riſes 6 10	10 59	11♏52	17 33	△ ☉ ♄.
16	F	Sun ſets 5 52	Morn.	24 13	20 3	□ ♅ ♀.
17	S	St. Patrick.	0 3	6♐19	21 33	
18	G	3 Sun. in Lent	1 0	18 13	22 4	Ed. K. W. Sax.
19	M	[illegible]	1 48	0♑5	21 31	☾ in Apogeo.
20	T	Twilight 1 52	2 30	11 53	20 8	Moderate
21	W	Benedict.	3 5	23 47	17 45	Weather.
22	T	Day br. 3 57	3 33	5♒5	14 42	
23	F	Clo. faſt 7 m.	3 55	18 7	10 55	
24	S		4 19	0♓40	6 36	
25	G	Midlent Sun.	4 40	23 33	1 51	Lady Day.
26	M	Sun riſes 5 48.	5 1	26 44	3N36	☿ ☉ ♀.
27	T	Sun ſets 6 14.	☽ ſets.	10♈13	7 57	
28	W	Twilight 2 1.	8A22	23 56	12 31	Rain and
29	T	Day br. 3 40.	9 40	7♉51	16 25	Wind.
30	F		10 56	21 55	19 32	
31	S		Morn.	6♊2	21 25	

Wing.	Days	Saturn. ♄	℞	Declin.	Jupiter. ♃		Declin.	Mars. ♂		Declin.	Venus. ♀		Declin
Mar. 1770.	1	25	46	21 N 20	22	2	22 S. 40	29	52	21 S. 7	4	4[illegible]	11 S.
	7	25	3[illegible]	21 29	22	41	22 4[illegible]	4 ♒	4	20 10	12	10	8 1
	13	25	21	21 31	23	14	22 44	8	58	19 3	19	38	5 2
	19	25	14	21 33	23	4[illegible]	22 45	13	32	17 51	27	6	2 2
	25	25	1[illegible]	21 33	24	3	22 46	18	[illegible]	16 33	4 ♈	3[illegible]	0 N 3

M D	Sun's Place.		Sun's Declin.		Observations.
1	11 ♓	0	7 S.	27	Day increased 3 hours 10 minutes.
2	12	0	7	4	Day 10 hours 48 minutes long.
3	13	0	6	41	Pollux South 33 min. past 8 at night.
G	14	0	6	18	Saturn sets 54 min. past 4 in the morn.
5	15	0	5	55	Mars rises 4 min past 5 in the morning.
6	16	0	5	32	
7	17	0	5	8	Day increased 3 hours 34 minutes.
8	18	0	4	45	Day 11 hours 12 minutes long.
9	19	0	4	21	Hydra's Heart South 56 min p. 9 night.
10	20	0	3	58	Saturn sets 32 min after 4 in the morn.
G	21	0	3	34	Mars rises 56 min. past 5 in the morning.
12	21	59	3	11	
13	22	59	2	47	Regulus South 21 min. past 10 at night.
14	23	59	2	24	Day increased 4 hours 2 minutes.
15	24	59	2	0	Day 11 hours 40 minutes long.
16	25	58	1	36	Saturn sets 10 min. after 4 in the morn.
17	26	58	1	13	Mars rises 44 min. past 4 in the morning.
G	27	57	0	49	
19	28	57	0	25	Hydra's Heart S. 19 min. p. 9 night.
20	29	56	0 N	2	Sun enters ♈ 21 min. past 1 afternoon.
21	♈	56	0	22	Day increased 4 hours 30 minutes.
22	1	55	0	46	
23	2	55	1	10	Mercury's greatest Matutine Elong. from
24	3	54	1	32	the Sun 27° 45′, rises 39 min. bef. him.
G	4	53	1	57	
26	5	53	2	20	Regulus South 33 min. past 9 at night.
27	6	52	2	44	Saturn sets 30 min. past 3 in the morn.
28	7	51	3	7	Mars rises 23 min. past 4 in the morn.
29	8	50	3	30	Day increased 5 hours 2 minutes.
30	9	49	3	54	Day 12 hours 40 minutes long.
31	10	48	4	17	

April 1770.

First Quarter the 3d Day, at 3 in the Morn.
Full Moon the 10th Day, at 4 in the Morn.
Last Quarter the 18th Day, at 5 in the Morn.
New Moon the 25th Day, at 5 Afternoon.

D	Jupiter rises.	Venus sets.
1	0M 57	6A. 34
7	0 35	6 55
13	0 13	7 16
19	11A. 47	7 36
25	11 24	7 57

M D	W D	Holy Days. ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	G	Shan. in Lent.	0M 5	20♊10	21N 57	
2	M	Clock fast 4 m.	1 3	4♋19	21 3	☽ in Perigeo.
3	T	Richard.	1 50	18 26	18 51	✱ ☿ ♂
4	W	St. Ambrose.	2 28	2♌31	15 33	Wind but
5	T	Old Lady-Day	2 58	16 31	11 12	mostly fair.
6	F	Camb. T. ends.	3 24	0♍27	6 36	
7	S	Oxf. T. ends.	3 47	14 15	1 33	□ ☤ ☿ △ ♄ ☿
8	G	Palm Sunday.	4 9	27 53	3S. 31	
9	M		4 30	11♎16	8 14	
10	T	Sun rises 5 19	☽ rises.	24 28	12 50	△ ☿ ♀ ⊏ ♄ ☿
11	W	Sun sets 6 43	8A. 49	7♏12	16 16	Some gentle
12	T	Maundy Th.	9 55	19 45	19 6	Showers now
13	F	Good Friday.	10 56	2♐ 1	20 57	△ ☉ ☿ about
14	S		11 49	14 6	21 49	
15	G	Easter Day.	Morn.	26 1	21 40	□ ☉ ♄
16	M	Easter Holy.	0 34	7♑51	20 32	☽ in Apogeo.
17	T	Easter Tuesd.	1 10	19 41	18 30	
18	W	Day br. 2 49.	1 40	1♒34	15 41	
19	T	Alphage.	2 7	13 29	12 13	Fair and plea-
20	F	Twilight 2 16	2 28	25 56	8 6	sant.
21	S	Sun rises 4 58	2 50	8♓34	3 33	
22	G	Low Sunday.	3 10	21 31	1N 12	✱ ♂ ☿
23	M	St. George.	3 31	4♈32	6 5	
24	T		3 55	18 35	10 47	
25	W	St. Mark.	☽ sets.	2♉39	15 4	Oxf. & C. T. be-
26	T	Clock slow 2m.	8A. 42	16 59	18 32	Wind & some
27	F	Sun rises 4 47	9 58	1♊29	20 52	Showers.
28	S	Sun sets 7 15	11 2	16 3	21 48	
29	G	2 S. after Easter.	11 55	0♋35	21 16	☽ in Perigeo.
30	M		Morn.	15 2	19 20	

Wing.	Day.	Saturn. ♑	Declin.	Jupiter. ♃	Declin.	Mars. ♒	Declin.	Venus. ♈	Declin
	1	25 32	21 N 34	24 19	22 S. 47	25 27	14 S. 54	13 15	4 N.
	7	25 16	33 33	24 26	22 47	28 2	13 24	20 41	7
April	13	25 27	31 34	24 R 26	22 47	2♓37	11 51	28 7	9 5
	19	25 41	30 30	24 19	22 47	7 12	10 12	5♉32	12 4
1770.	25	25 58	27 27	24 6	22 46	11 46	8 30	12 56	15 1

M D	Sun's Place.		Sun's Declin.		Observations.
G	11	♈48	4	N40	Saturn sets 11 min. past 3 in the morn.
2	12	47	5	2	Mars rises 14 min. past 4 in the morn.
3	13	46	5	26	Day increased 5 hours 22 minutes.
4	14	45	5	49	Day 13 hours long.
5	15	44	6	12	
6	16	42	6	34	Deneb south 35 min. after 10 at night.
7	17	41	6	57	Saturn sets 50 min. past 2 in the morn.
G	18	40	7	19	Mars rises 1 m. past 4 in the morn.
9	19	39	7	42	Virgin's Spike S. 59 m. past 11 at night.
10	20	38	8	4	
11	21	36	8	26	O Liberty! thou Goddess heav'nly bright!
12	22	35	8	48	Profuse of Bliss, and pregnant with Delight!
13	23	34	9	10	Eternal Pleasures in thy Presence reign,
14	24	32	9	31	And smiling Plenty leads thy wanton Train.
G	25	31	9	53	Eas'd of her Load, Subjection grows more light.
16	26	30	10	14	And Poverty looks chearful in thy Sight:
17	27	28	10	35	Thou mak'st the gloomy Face of Nature gay,
18	28	27	10	56	Giv'st Beauty to the Sun, and Pleasure to the Day.
19	29	25	11	17	
20	♉	24	11	37	Sun enters ♉ 20 min. after 2 in the morn
21	1	22	11	58	Virgin's Spike S. 13 m. past 11 at night.
G	2	20	12	18	Day increased 6 hours 34 minutes.
23	3	19	12	38	Day 14 hours 12 minutes long.
24	4	17	12	58	
25	5	15	13	17	Saturn sets 46 min. after 1 in the morn.
26	6	14	13	37	Mars rises 19 min. past 3 in the morn.
27	7	12	13	56	Day increased 6 hours 52 minutes.
28	8	10	14	15	Day 14 hours 30 minutes long.
G	9	8	14	33	Arcturus South 37 min. past 11 at night.
30	10	8	14	52	

May 1770.

First Quarter the 2d Day, at 10 in the Morn.
Full Moon the 9th Day, at 6 in the After.
Laſt Quarter the 17th Day, at 10 at Night.
New Moon the 25th Day, at 1 in the Morn
Firſt Quatter the 31ſt Day, at 4 in the After

☉ ♈	Jupiter riſes.	Venus ſets.
1	11A. 0	8A.12
7	10 31	8 38
♌ 10	10 9	8 56
19	9 42	9 13
25	9 15	9 28

M D	W D	Holy Days. ☉riſes & ſets.	Moon ſets.	Moon's Place.	Moon's Declin	Aſpects and Weather.
1	T	St.Phil.&James	0M36	29♑17	16N.14	☌ ☉ ♀ Fair
2	W	Term begins.	1 8	13♌23	12 13	&pleaſant.
3	T	Inv.oftheCroſs	1 34	27 14	7 46	
4	F	Twilight 2 44.	1 58	10♒54	2 41	Sr. John A. P L.
5	S		2 19	24 21	2 S.17	✱ ♂ ♀ 6rhDay
6	G	3Sun.aft.Eaſt.	2 39	7♎33	7 1	
7	M	Sun riſes 4 29	3 1	20 32	11 27	
8	T	Sun ſets 7 32	3 26	3♏17	15 15	
9	W	Day br. 1 36.	☽riſes.	15 48	18 17	
10	T	Clockſlow 4m.	8A.48	28 7	20 26	□ ♅ ♂ Wind,
11	F		9 46	10♐06	21 3	&ſomeShowers
12	S	Old May Day.	10 33	22 14	21 43	
13	G	4Sun.aft.Eaſt.	11 13	4♑8	20 54	☽ in Apogeo.
14	M	Twilight 3 10.	11 45	15 56	19 8	♂ ♀ ☿
15	T	Sun riſes 4 47	Morn.	27 47	16 33	
16	W	Sun ſets 7 44	0 12	9♒41	13 17	
17	T	Day br. 1 0.	0 34	21 44	9 27	
18	F		0 55	4♓1	5 6	✱ ☉ ♄ Wind.
19	S	Q. Char. born.	1 16	16 36	0 32	Dunttan. moſt-
20	G	Rogat.Sunday.	1 37	29 33	4N 14	ly fair.
21	M	Sun riſes 4 9.	1 57	12♈5	8 56	
22	T	Sun ſets 7 52.	2 20	26 40	13 23	
23	W		2 48	10♉53	17 12	
24	T	Holy Thurſd.	3 25	25 27	20 8	
25	F	Clock ſlow 4m.	☽ſets.	10♊18	21 28	
26	S	Sun riſes 4 3.	9A.46	25 16	21 37	✱ ☉ ♂ Show.
27	G	6Sun.aft.Eaſt.	10 32	10♋14	20 6	Ven. Bede.
28	M	Term ends.	11 8	25 4	17 13	☽ in Perigio.
29	T	K.Ch.II.Reſt.	11 37	9♌38	13 18	aboutthistime.
30	W	Sun ſets 8 1.	Morn.	23 54	8 33	
31	T	Oxf. T. ends.	0 3	7♍47	3 46	

Wing.		Saturn		Jupiter		Mars		Venus	
		♑	Decl.	♐	Dec.	♓	Dec.	♉	Dec.
		1 26	18	21 N 23	23 46	22 S 45	16 20	6 S 47	20 20	17 N 3
May	7	26	42	21 18	23 21	22 44	20 53	5 1	27 43	19 3
	13	27	9	21 14	22 50	22 43	25 26	3 15	5 II 5	21 2
1770.	19	27	39	21 8	22 14	22 41	29 57	1 28	12 27	22 4
	25	28	11	21 2	21 34	22 39	4 ♈ 27	0 N 18	19 48	23 4

M. D.	Sun's Place.		Sun's Declin.		Obſervations.
1	1 I	8	4	15 10	Saturn ſets 25 m. paſt 1 in the morning.
2	12		3	15 28	Mars riſes 6 m. after 3 in the morning.
3	13		1	15 46	Day increaſed 7 hours 14 minutes.
4	13		59	16 3	Day 14 hours 52 minutes long.
5	14		57	16 20	
G	15		55	16 37	Saturn ſets 6 m. after 1 in the morning.
7	16		53	16 54	Mars riſes 53 m. after 2 in the morning.
8	17		51	17 10	Scorpion's Heart ſou. 16 m. paſt 1, morning
9	18		48	17 26	Day increaſed 7 hours 34 minutes.
10	19		46	17 42	Day 15 hours 12 minutes long.
11	20		44	17 58	
12	21		42	18 13	Arcturus ſouth 47 m. paſt 10 at night.
G	22		40	18 28	Saturn ſets 19 m. before 1 in the morning.
14	23		38	18 42	Mars riſes 34 m. paſt 2 in the morning.
15	24		35	18 56	
16	25		33	19 10	Day increaſed 7 hours 54 minutes.
17	26		31	19 24	Day 15 hours 30 minutes long.
18	27		28	19 37	
19	28		26	19 50	Saturn ſets 42 m. before 1 in the morning.
G	29		24	20 3	Mars riſes 18 m. paſt 2 in the morning.
21	II		21	20 16	Sun enters II 12 m. paſt 3 in the morning.
22	1		19	20 28	Scorpion's Heart ſo. 43 m. before 1, morn.
23	2		16	20 39	
24	3		14	20 50	Day increaſed 8 hours 16 minutes.
25	4		12	21 1	Day 15 hours 52 minutes long.
26	5		9	21 11	Saturn ſets 48 m. paſt 11 at night.
G	6		7	21 21	Mars riſes 59 m. after 1 in the morning.
28	7		4	21 31	
29	8		2	21 40	Lyra ſouth 6 m. paſt 2 in the morning.
30	8		59	21 49	Day increaſed 8 hours 28 minutes.
31	9		56	21 58	Day 16 hours 4 minutes long.

June 1770.

Full Moon the 8th day, at 9 in the morn.
Laſt Quarter the 16th day, at noon.
New Moon the 23d day, at 8 in the morn.
Firſt Quarter the 29th day, at midnight.

Day	Jupiter riſes.	Venus ſets.
1	8A 42	9A 41
7	8 15	9 50
13	Sets	9 54
19	3M 19	9 55
25	2 52	9 53

M.D.	W.D.	Holy-Days, ☉ riſes & ſets.	Moon riſes.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	F	Nicomede.	0M 25	21 ♍ 21	1 S 13	Fine pleaſant
2	S	Cl. ſlow 3 m.	0 45	4 ♎ 35	6 2	weather.
3	G	Whit-Sunday	1 5	17 31	10 30	
4	M	Whit Monday	1 29	0 ♏ 11	14 24	K.Geo.III.born.
5	T	Whit-Tueſday	1 55	12 38	17 36	
6	W	Ember Week	2 26	24 54	19 58	
7	T		3 2	6 ♐ 59	21 23	
8	F	Sun riſes 3 52	☽ riſes	18 54	21 48	
9	S	Sun ſets 8 9	9A 8	0 ♑ 46	21 13	Hot and dry.
10	G	Trin.-Sunday	9 43	12 39	19 43	Prs. Amelia born
11	M	St. Barnabas.	10 12	24 30	17 22	☽ in Ap. 10th day
12	T		10 36	6 ♒ 21	14 18	☌ ☉ ♄ 10th day
13	W	Oxf. T. begins	10 58	18 18	10 36	♂ ☿ ☿
14	T	Corpus Chriſti	11 16	0 ♓ 22	6 27	
15	F	Term begins	11 35	12 38	2 2	
16	S	Sun riſes 3 48	11 56	25 11	2N 38	
17	G	1 S. aft. Trin.	Morn.	8 ♈ 2	7 15	St. Alban. Wind,
18	M	Sun ſets 8 12	0 16	21 17	11 41	and ſome ſhowers
19	T		0 42	4 ♉ 58	15 41	
20	W	Tr Edm. K. W. S	1 14	19 8	18 57	
21	T	Longeſt-Day.	1 54	3 ♊ 42	21 5	
22	F	Cl. faſt 1 m.	2 47	18 40	21 48	
23	S		☽ ſets	4 ♋ 2	20 57	☽ in Perigeo
24	G	2 S. aft. Trin.	8A 59	19 9	18 33	St. John Baptiſt
25	M	Sun riſes 3 48	9 33	4 ♌ 15	14 55	□ ♂ ☿ 24th day
26	T	Sun ſets 8 12	10 0	19 2	10 25	Fair and hot wea-
27	W	Cl. faſt 2 m.	10 23	3 ♍ 37	5 23	ther
28	T		10 45	17 43	0 12	♂ ♄ ☿
29	F	S. Peter & Paul.	11 7	1 ♎ 18	4 S 48	
30	S	Sun riſes 3 50	11 29	14 29	9 25	♂ ☉ ☿

Wing.	Days	Saturn ♑	Decl.	Jupiter ♐ ℞	Dec.	Mars ♈	Dec.	Venus ♊	Dec
June 1770.	1	28 52	20N 53	20 43	22 S 36	9 40	2N 21	28 22	24N
	7	29 29	20 47	19 58	22 34	14 6	4 4	5♋41	24
	13	c♑8	20 39	19 12	22 32	18 30	5 46	13 0	24
	19	0 49	20 31	18 26	22 29	22 52	7 23	20 18	23
	25	1 31	20 22	17 42	22 25	27 11	8 59	27 36	22

M.T.	Sun's Place.		Sun's Declin.		Observations.
1	10 ♊	54	22 N	6	Saturn sets 26 m. past 11 at night.
2	11	51	22	14	Mars rises 42 m. past 1 in the morning.
☽	12	49	22	22	
4	13	46	22	29	Mercury's greatest Vesper. Elong. from th
5	14	43	22	36	Sun 23° 52′, sets 1 h. 56 m. after him.
6	15	41	22	42	
7	16	38	22	48	Scorpion's heart south 12 m. past 11 at night
8	17	35	22	53	Day increased 8 h. 42 m.
9	18	33	22	58	Day 16 h. 18 m. long.
☽	19	30	23	3	Saturn sets 53 m. after 10 at night.
11	20	27	23	7	Mars rises 17 m past 1 in the morning.
12	21	25	23	11	
13	22	22	23	15	Lyra south 5 m. past 1 in the morning.
14	23	19	23	18	Mercury sets 33 m. after 9 at night.
15	24	16	23	21	Day increased 8 h. 48 m.
16	25	14	23	23	Day 16 h. 24 m. long.
☽	26	11	23	25	
18	27	8	23	26	Scorpion's heart south 26 m. past 10 at night
19	28	5	23	27	Saturn sets 17 m. before 10 at night.
20	29	2	23	28	Mars rises 9 m. before 1 in the morning.
21	♋	0	23	28	Sun enters ♋ 9 m. past noon.
22	0	57	23	28	
23	1	54	23	27	Day decreased 1 m.
☽	2	51	23	26	Day 16 h. 24 m. long.
25	3	48	23	25	Saturn sets 54 m past 9 at night.
26	4	46	23	23	Mars rises 26 m. before 1 in the morning.
27	5	43	23	21	Lyra south 2 m. after midnight.
28	6	40	23	18	Day decreased 4 m.
29	7	37	23	1	Day 16 h. 22 m. long.
30	8	34	23	11	

Full Moon the 7th day, at midnight.
Laſt Quarter the 15th day, at 11 at night.
New Moon the 22d day, at 4 in the after.
First Quarter the 29th day, at noon.

	Jupiter ſets.	Venus ſets.
1	2 M 24	9 A 47
7	1 57	9 41
13	1 30	9 32
19	1 4	9 21
25	0 39	9 10

		Holy-Days Crites & ſets.	Moon ſets.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	G	S. aft. Trin.	11 A 53	27 ♎ 18	13 S. 30	Fair and windy.
2	M	Viſit. B. V. M.	Morn.	9 ♏ 48	16 53	□ ♄ ♂
3	T	Camb. Com.	0 22	22 3	19 27	
4	W	Terms ends	0 58	4 ♐ 7	21 6	
5	T	Old Midſ. day.	1 38	16 4	21 46	
6	F	Com. Term ends.	2 27	27 55	21 27	
7	S	Tho. à Becket.	☽ riſes	9 ♑ 44	20 21	☽ in Apogeo.
8	G	4 S. aft. Trin.	8 A 11	21 34	18 3	Some rain about
9	M	Oxf. Act.	8 37	3 ♒ 25	15 9	this time.
10	T		8 58	15 21	11 40	△ ♃ ♀
11	W	Sun riſes 3 57	9 18	27 23	7 38	
12	T	Sun ſets 8 2	9 38	9 ♓ 32	3 17	
13	F	Cl. faſt 5 m.	9 57	21 52	1 N. 15	
14	S	Oxf. Term ends.	10 17	4 ♈ 25	5 50	
15	G	5 S. aft. Trin.	10 40	17 15	10 15	St. Swithin.
16	M		11 7	0 ♉ 24	14 19	Wind, but moſt-
17	T	Sun riſes 4 3	11 41	13 56	17 45	ly fair.
18	W	Sun ſets 7 56	Morn.	27 52	20 17	
19	T	Cl. faſt 6 m.	0 26	12 ♊ 18	21 37	
20	F	Margaret.	1 24	27 4	21 28	
21	S		2 35	12 ♋ 11	19 49	☽ in Perigeo.
22	G	6 S. aft. Trin.	☽ ſets	27 28	16 44	☌ Denmark h. ♋
23	M	Day br. 0 26	7 A 55	12 ♌ 44	12 3	Hot (Mary Mag.
24	T	Twilight 3 26	8 23	27 47	7 34	and ſultry, ſome
25	W	St. James.	8 46	12 ♍ 27	2 17	ſhowers.
26	T	St. Anne.	9 9	26 43	2 S. 57	
27	F	Mother of the	9 31	10 ♎ 25	7 51	
28	S	B. V. Mary.	9 56	23 40	12 14	☌ ☉ ♄
29	G	7 S. aft. Trin.	10 24	6 ♍ 28	15 52	
30	M	Dog-Days begin.	10 56	18 56	18 42	
31	T	Cl. faſt 6 m.	11 35	1 ♐ 6	20 38	✶ ♂ ♅

Wing.	Day	Saturn ♄	Decl.	Jupiter ♃ R	Dec.	Mars ♂	Dec.	Venus ♀	Dec.
	1	2 15	20N12	17 1	22S22	1 27	10N31	4 53	20N39
July	7	3 0	20 1	16 24	22 19	5 40	11 59	12 9	18 46
1770.	13	3 45	19 52	15 51	22 17	9 49	13 21	19 24	16 35
	19	4 31	19 41	15 24	22 15	13 55	14 38	26 37	14 8
	25	5 17	19 31	15 2	22 13	17 56	15 50	3♍49	11 29

D	Sun's Place.	Sun's Declin.	Observations.
G	9♌31	23 N 8	Saturn sets 31 m. past 9 at night.
2	10 29	23 3	Mars rises 43 m. before 1 in the morning.
3	11 26	22 58	Day decreased 8 m.
4	12 23	22 53	Day 16 h. 16 m. long.
5	13 20	22 48	
6	14 17	22 42	Saturn sets 13 m. past 9 at night.
7	15 15	22 36	Mars rises 57 m. before 1 in the morning.
G	16 12	22 29	Atair south 27 m. past midnight.
9	17 9	22 22	
10	18 6	22 14	Lyra south 9 m. past 11 at night.
11	19 3	22 7	Day decreased 20 m.
12	20 1	21 58	Day 16 h. 4 m. long.
13	20 58	21 50	Mercury rises 4 m. after 3 in the morning.
14	21 55	21 41	
G	22 52	21 31	Atair south 58 m. past 11 at night.
16	23 50	21 22	Saturn sets 35 m. after 8 at night.
17	24 47	21 12	Mars rises 34 m. past 11 at night.
18	25 44	21 1	Day decreased 34 m.
19	26 41	20 50	Day 15 h. 50 m. long.
20	27 39	20 39	
21	28 36	20 28	Atair south 33 m. after 11 at night.
G	29 33	20 16	Sun enters ♌ 8 m. past 11 at night.
23	♌ 31	20 4	Mercury's greatest Matut. Elong. from the
24	1 28	19 51	Sun 19°47′ rises 1 h. 31 m. bef. him the 22d.
25	2 25	19 38	
26	3 23	19 25	Saturn sets 58 m. past 7 at night.
27	4 20	19 12	Mars rises 10 m. after 11 at night.
28	5 17	18 58	Fomalhaut so. 16 m. past 2 in the morning.
G	6 15	18 44	Day decreased 1 h. 4 m.
30	7 12	18 29	Day 15 h. 18 m. long.
31	8 9	18 15	

July 1770.

Full Moon the 7th day, at midnight.
Last Quarter the 15th day, at 11 at night.
New Moon the 22d day, at 4 in the after.
First Quarter the 29th day, at noon.

	Jupiter sets.	Venus sets.
1	2 M24	9 A 47
7	1 57	9 41
13	1 30	9 32
19	1 4	9 21
25	0 39	9 10

		Holy-Days ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	G	5 S. aft. Trin.	11 A 53	27 ♎ 18	13 S. 30	Fair and windy.
2	M	Visit. B. V. M.	Morn.	9 ♏ 48	16 53	□ ♄ ♂
3	T	Camb. Com.	0 22	22 3	19 27	
4	W	Terms ends	0 58	4 ♐ 7	21 6	
5	T	Old Midſ. day.	1 38	16 4	21 46	
6	F	Cam. Term ends.	2 27	27 55	21 27	
7	S	Tho. à Becket.	☽ riſes	9 ♑ 44	20 21	☽ in Apogeo.
8	G	6 S. aft. Trin.	8 A 11	21 34	18 3	Some rain about
9	M	Oxf. Act.	8 37	3 ♒ 25	15 9	this time.
10	T		8 58	15 21	11 40	△ ♃ ♀
11	W	Sun riſes 3 57	9 18	27 23	7 38	
12	T	Sun ſets 8 2	9 38	9 ♓ 32	3 17	
13	F	Cl. faſt 5 m.	9 57	21 52	1 N 15	
14	S	Oxf. Term ends.	10 17	4 ♈ 25	5 50	
15	G	7 S. aft. Trin.	10 40	17 15	10 15	St. Swithin.
16	M		11 7	0 ♉ 24	14 19	Wind, but moſt-
17	T	Sun riſes 4 3	11 41	13 56	17 45	ly fair.
18	W	Sun ſets 7 56	Morn.	27 52	20 17	
19	T	Cl. faſt 6 m.	0 26	12 ♊ 18	21 37	
20	F	Margaret.	1 24	27 4	21 28	
21	S		2 35	12 ♋ 11	19 49	☽ in Perigeo.
22	G	8 S. aft. Trin.	☽ ſets	27 28	16 44	☌ Denmark b. ♋
23	M	Day br. 0 26	7 A 55	12 ♌ 44	12 3	Hot (Sharp Showers.
24	T	Twilight 3 26	8 23	27 47	7 34	and ſultry, ſome
25	W	St. James.	8 46	12 ♍ 27	2 17	ſhowers.
26	T	St. Anne.	9 9	26 43	2 S. 57	
27	F	Mother of the	9 31	10 ♎ 25	7 51	
28	S	B. V. Mary.	9 56	23 40	12 14	♂ ☌ ♄
29	G	9 S. aft. Trin.	10 24	6 ♍ 28	15 52	
30	M	Dog-Days begin.	10 56	18 56	18 42	
31	T	Cl. faſt 6 m.	11 35	1 ♐ 6	20 38	✶ ♂ ♅

Wing.	Day	Saturn ♄	Decl.	Jupiter ♃ ℞	Dec.	Mars, ♂	Dec.	Venus ♀	Dec.
	1	2 15	20 N 12	17 1	22 S 22	1 27	10 N 31	4 53	20 N 39
July	7	♑ 0	20 1	16 24	22 19	5 40	11 59	12 9	18 46
	13	3 43	19 52	15 51	22 17	9 49	13 21	19 24	16 35
1770.	19	4 31	19 41	15 24	22 15	13 55	14 38	26 37	14 8
	25	5 17	19 31	15 2	22 13	17 56	15 50	♍ 3 49	11 29

D	Sun's Place.	Sun's Declin.		Observations.
G	9 ♋	31	23 N 8	Saturn sets 31 m. past 9 at night.
2	10	29	23 3	Mars rises 43 m. before 1 in the morning.
3	11	26	22 58	Day decreased 8 m.
4	12	23	22 53	Day 16 h. 16 m. long.
5	13	20	22 48	
6	14	17	22 42	Saturn sets 13 m. past 9 at night.
7	15	15	22 36	Mars rises 57 m. before 1 in the morning.
G	16	12	22 29	Atair south 27 m. past midnight.
9	17	9	22 22	
10	18	6	22 14	Lyra south 9 m. past 11 at night.
11	19	3	22 7	Day decreased 20 m.
12	20	1	21 58	Day 16 h. 4 m. long.
13	20	58	21 50	Mercury rises 4 m. after 3 in the morning.
14	21	55	21 41	
G	22	52	21 31	Atair south 58 m. past 11 at night.
16	23	50	21 22	Saturn sets 35 m. after 8 at night.
17	24	47	21 12	Mars rises 34 m. past 11 at night.
18	25	44	21 1	Day decreased 34 m.
19	26	41	20 50	Day 15 h. 50 m. long.
20	27	39	20 39	
21	28	36	20 28	Atair south 33 m. after 11 at night.
G	29	33	20 16	Sun enters ♌ 8 m. past 11 at night.
23	♌ 31		20 4	Mercury's greatest Matut. Elong. from the
24	1	28	19 51	Sun 19° 47′ ; rises 1 h. 31 m. bef. him the 22d.
25	2	25	19 38	
26	3	23	19 25	Saturn sets 58 m. past 7 at night.
27	4	20	19 12	Mars rises 10 m. after 11 at night.
28	5	17	18 58	Fomalhaut so. 16 m. past 2 in the morning.
G	6	15	18 44	Day decreased 1 h. 4 m.
30	7	12	18 29	Day 15 h. 18 m. long.
31	8	9	18 15	

Auguſt 1770.

Full Moon the 6th day, at 3 in the aftern.
Laſt Quarter the 14th day, at 8 in the morn.
New Moon the 20th day, at 11 at night.
First Quarter the 28th day, at 2 in the morn.

D	Jupiter ſets.	Venus ſets.
1	oM10	8A 56
7	11 A43	8 44
13	11 20	8 31
19	10 58	8 19
25	10 36	8 6

M.D.	W.D.	Holy-Days, ☉ riſes & ſets.	Moon ſets.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	W	**Lammas Day.**	Morn.	13 ♐ 5	21 S 35	Fair and
2	T	Sun riſes 4 25	0 21	24 57	21 31	hot.
3	F	Sun ſets 7 33	1 15	6♑45	20 31	□ ♅ ♀
4	S	Day br. 1 36	2 14	18 35	18 39	☽ in Apogeo.
5	G	**8 S. aft. Trin.**	3 16	0♒27	15 58	
6	M	Transfigurat.	☽ riſes	12 23	12 37	△ ☉ ♅
7	T		7 A 24	24 23	8 45	Wind and ſome
8	W	Twilight 2 44	7 44	6♓38	4 28	☌ ♄ ☿ (ſhowers.
9	T	Cl. faſt 5 m.	8 4	18 58	oN 2	
10	F	St. Laurence.	8 25	1♈27	4 35	
11	S	Pr. Brunſwick b.	8 46	14 10	9 2	△ ♅ ☿
12	G	**9 S. aft. Trin.**	9 12	27 4	13 8	**Pr. Wales born**
13	M		9 44	10♉13	16 40	Old Lammas-day,
14	T	Sun riſes 4 45	10 24	23 40	19 25	the 12th
15	W	Aſſump. B.V.M.	11 13	7♊28	21 8	Good harveſt
16	T	Pr. Frederick b.	Morn.	21 38	21 31	☌ ☉ ☿ (weather
17	F	Sun ſets 7 10	0 16	6♋10	20 41	
18	S		1 30	20 57	18 7	☽ in Perigeo.
19	G	**10 S. aft. Trin.**	2 52	5♌58	14 28	△ ♂ ♀
20	M	Cl. faſt 3 m.	☽ ſets	21 3	9 53	
21	T		6 A 50	6♍1	4 43	Wind and ſome
22	W	Day br. 2 38	7 14	20 41	oS 37	rain
23	T	Twilight 2 20	7 37	4♎57	5 46	✶ ♄ ♀
24	F	St. Bartholomew.	8 3	18 44	10 27	
25	S		8 30	2♏4	14 28	
26	G	**11 S. aft. Trin.**	9 2	14 54	17 38	
27	M	Sun riſes 5 9	9 39	27 24	19 53	□ ♅ ☿
28	T	St. Auguſtine	10 24	9♐35	21 8	✶ ♅ ♀
29	W	Decol. St. J. B.	11 15	21 35	21 24	✶ ♄ ♂ Fair and
30	T	Sun ſets 6 46	Morn.	3♑28	20 42	windy
31	F		0 11	15 18	19 4	☽ in Apogeo

Wing.	Day	Saturn ♄	Decl.	Jupiter ♃	Dec.	Mars ♂	Dec.	Venus ♀	Dec.
Aug. 1770.	1	6 12	19N 18	14 45	22S 14	22 31	17N 7	12 12	8N 10
	7	6 58	19 7	14 37	22 14	26 22	18 5	19 12	5 11
	13	7 44	18 55	14 D36	22 15	☌ 6 19	2	26 30	2 7
	19	8 29	18 44	14 42	22 16	3 44	19 50	3♎36	0S 59
	25	9 14	18 33	14 55	22 19	7 16	20 33	10 40	4 6

M.D.	Sun's Place.		Sun's Declin.		Observations.
1	♌	7	18N		Mercury rises 53 m. after 2 in the morning.
2	10	4	17	44	Mars rises 56 m. past 10 at night.
3	11	2	17	29	Lyra south 34 m. past 9 at night.
4	11	59	17	13	Day decreased 1 h. 22 m.
	12	57	16	56	Day 15 h. long.
6	13	54	16	40	
7	14	52	16	23	Mars rises 44 m. past 10 at night.
8	15	49	16	5	Atair south 24 m. past 10 at night.
9	16	47	15	49	
10	7	45	15	32	*Discord, dire Sister of the slaught'ring Pow'r!*
11	18	42	15	14	*Small at her Birth, but rising ev'ry Hour:*
	19	40	14	56	*While scarce the Skies her horrid head can bound,*
13	20	38	14	38	*She stalks on earth, and shakes the World around:*
14	21	35	14	19	*Th' Nations bleed where-e'er her Steps she turns,*
15	22	33	14	0	*The Groan still deepens, and the Combat burns.*
16	23	31	13	41	
17	24	29	13	22	Day decreased 2 h. 6 m.
18	25	26	13	3	Day 14 h. 16 m. long.
	26	24	12	43	Atair south 43 m. past 9 at night.
20	27	22	12	24	Mars rises 17 m. past 10 at night.
21	28	20	12	4	
22	29	18	11	43	Fomalhaut south 19 m. before 1 in the morn.
23	♍	16	11	23	Sun enters ♍ 31 m. after 5 in the morn.
24	1	14	11	3	Day decreased 2 h. 32 m.
25	2	11	10	42	Day 13 h. 50 m. long.
	3	9	10	21	
27	4	8	10	0	Atair south 13 m. past 9 at night.
28	5	6	9	39	Mars rises 1 m. past 10 at night.
29	6	4	9	17	Day decreased 2 h. 50 m.
30	7	2	8	56	Day 13 h. 32 m. long.
31	8	0	8	34	

September 1770.

Full Moon the 5th day, at 6 in the morn.
Last Quarter the 12th day, at 3, afternoon
New Moon the 19th day, at 8, morning.
First Quarter the 26th day, at 8 at night.

Days	Jupiter sets.	Venus sets.
1	10 A 12	7 M 52
7	9 51	7 40
13	9 32	7 29
19	9 12	7 19
25	8 54	7 9

M.D.	W.C.	Holy-Days, ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	S	Giles.	1 M 12	27 ♑ 0	16 S 40	
2	G	12 S. aft. Trin.	2 16	9 ♒ 1	13 32	Lon. b. 1666, O.S.
3	M	Cl. flow 1 m.	3 22	21 5	9 50	
4	T	Twilight 2 8	4 29	3 ♓ 18	5 42	
5	W	Day br. 3 19	☽ rises	15 43	1 13	
6	T		6 A 39	28 18	3 N 33	Moderate
7	F	Dog-Days end.	7 0	11 ♈ 4	7 49	weather
8	S	Nativ. B. V. M.	7 27	24 0	12 0	
9	G	13 S. aft. Trin.	7 56	7 ♉ 10	15 42	
10	M	Sun rises 5 36	8 33	20 30	18 37	☽ ☌ ♂
11	T	Sun sets 6 22	9 19	4 ♊ 3	20 33	
12	W		10 16	17 49	21 17	
13	T	Cl. flow 4 m.	11 23	1 ♋ 49	20 43	✶ ♄ ☿ Fair and
14	F	Holy-Cross-Day.	Morn. 16	5	18 51	☽ in Perigeo.
15	S	Day br. 4 41	0 38	0 ♌ 32	15 43	pleasant.
16	G	14 S. aft. Trin.	1 58	15 10	11 40	✶ ♃ ☿
17	M	Lambert.	3 20	29 51	6 51	
18	T		4 43	14 ♍ 27	1 41	
19	W	Ember-Week.	☽ sets	28 51	3 S 31	△ ♂ ☿
20	T	Twilight 2 1	6 A 11	12 ♎ 57	8 25	Wind and some
21	F	St. Matthew.	6 39	26 38	12 44	□ ♄ ☿ (showers.
22	S	K. Geo. III. cr.	7 10	9 ♏ 55	16 18	
23	G	15 S. aft. Trin.	7 45	22 47	18 56	
24	M	Sun rises 6 3	8 28	5 ♐ 19	20 34	
25	T	Sun sets 5 55	9 16	17 32	21 11	
26	W	St. Cyprian.	10 10	29 33	20 47	
27	T		11 11	11 ♑ 28	19 28	Fair, but windy.
28	F	Day br. 4 12	Morn. 23	17	17 20	☽ in Apogeo.
29	S	St. Michael.	0 14	5 ♒ 10	14 20	Prs. Char.-Aug.
30	G	16 S. aft. Trin.	1 19	17 10	10 57	(Mat. bo.

Wing.	Days	Saturn ♄	Decl.	Jupiter ♃	Dec.	Mars ♂	Dec.	Venus ♎	Dec.
Sept.	1	10 5	18N 20	15 17	22S 23	11 12	21N 16	18 51	7S 39
	7	10 47	18 9	15 43	22 27	14 25	21 47	25 50	10 37
1770.	13	11 27	17 59	16 15	22 30	17 29	22 14	2♍46	13 27
	19	12 5	17 49	16 52	22 35	20 21	22 34	9 38	16 7
	25	12 42	17 40	17 35	22 40	23 0	22 54	16 27	18 33

M.	D.	Sun's Place.	Sun's Declin.	Observations.
	1	8♍58	8N 13	Saturn rises 26 m. after 2 in the morning.
G		9 56	7 51	Mars rises 52 m. after 9 at night.
	3	10 54	7 29	Day decreased 3 h. 10 m.
	4	11 53	7 6	Fomalhaut south 50 m. past 11 at night.
	5	12 51	6 44	Day 13 h. 8 m. long.
	6	13 49	6 22	
	7	14 48	5 59	Saturn rises 8 m. past 2 in the morning.
	8	15 46	5 37	Mars rises 40 m. after 9 at night.
G		16 44	5 14	Day decreased 3 h. 34 m.
	10	17 43	4 51	Markab south 36 m. past 11 at night.
	11	18 41	4 28	Day 12 h. 44 m. long.
	12	19 40	4 5	
	13	20 38	3 42	Fomalhaut south 18 m. past 11 at night.
	14	21 37	3 19	Saturn rises 47 m. past 1 in the morn.
	15	22 35	2 56	Mars rises 27 m. after 9 at night.
G		23 34	2 33	Markab south 15 m. past 11 at night.
	17	24 33	2 10	Day decreased 4 h. 4 m.
	18	25 31	1 46	
	19	26 30	1 23	Saturn rises 32 m. after 1 in the morning.
	20	27 29	1 0	Mars rises 17 m. past 9 at night.
	21	28 28	0 36	Fomalhaut south 48 m. past 10 at night.
	22	29 26	0 13	Day 12 h. 2 m. long.
G		♎ 25	0 S 10	Sun enters ♎ 49 m. past 1 in the morning.
	24	1 24	0 34	
	25	2 23	0 57	Saturn rises 15 m. past 1 in the morning.
	26	3 22	1 21	Mars rises 4 m. past 9 at night.
	27	4 21	1 44	Day decreased 4 hours 44 minutes.
	28	5 20	2 8	
	29	6 19	2 31	Mercury's greatest Vef. Elong. from the Sun
G		7 18	2 54	25°29′; sets 29 m. after him the 30th day.

October 1770.

Full Moon the 4th day, at 8 at night.
Last Quarter the 11th day, at 10 at night.
New Moon the 18th day, at 7 at night.
First Quarter the 26th day, at 4 in the after.

D.	Jupiter sets.	Venus sets.
1	8 A 35	7 A c
7	8 16	6 53
13	7 57	6 47
19	7 39	6 43
25	7 21	6 41

D.	W.	Holy-Days, ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M	Remigius.	2 M 24	29 ♎ 19	6 S 58	
2	T	Sun rises 6 19	3 32	11 ♐ 41	2 38	
3	W	Sun sets 5 39	4 40	24 18	1 N 54	
4	T	Cl. slow 11m.	☽ rises	7 ♑ 9	6 26	
5	F		5 A 39	20 15	10 45	Wind, but mostly
6	S	Faith.	6 6	3 ♉ 35	14 40	✶ ☉ ♄ (fair.
7	G	17 S. aft. Trin.	6 43	17 6	17 49	
8	M	Day br. 4 33	7 26	0 ♊ 47	20 1	
9	T	St. Denys.	8 20	14 37	21 1	
10	W	Oxf. & Cam. T. b.	9 24	28 35	20 46	Old Mich. day
11	T	Sun rises 6 36	10 37	12 ♋ 40	19 11	
12	F		11 53	26 49	16 27	☽ in Perigeo.
13	S	Tran. K. E. Conf.	Morn.	11 ♌ 2	12 44	✶ ☉ ♅ Brisk
14	G	18 S. aft. Trin.	1 11	25 16	8 17	winds and much
15	M	Sun sets 5 16	2 31	9 ♍ 30	3 22	wet.
16	T	Twilight. 1 57	3 49	23 37	1 S 42	
17	W	Etheldred.	5 8	7 ♎ 34	6 36	
18	T	St. Luke.	☽ sets	21 17	11 6	
19	F	Day br. 4 55	5 A 15	4 ♍ 42	14 56	More moderate
20	S	Sun rises 6 54	5 49	17 48	17 55	△ ♄ ♀ (weather.
21	G	19 S. aft. Trin.	6 28	0 ♐ 34	19 56	
22	M	Sun sets 5 2	7 13	13 3	20 56	
23			8 8	25 17	20 52	△ ♂ ☿
24	W	Cl. slo. 16 m.	9 6	7 ♑ 19	19 52	♂ ☉ ☿ △ ☉ ♂
25	T	K. Geo. III. In.	10 7	19 13	18 0	Crispin. ☽ in Ap.
26	F	K. Geo. III. Proc.	11 10	1 ♒ 5	15 13	
27	S	Twilight 1 59	Morn.	13 c	12 5	Wet and windy.
28	G	20 S. aft. Trin.	0 15	25 0	8 17	S. Sim. & Jude.
29	M	Sun rises 7 11	1 20	7 ♓ 10	4 7	♂ ♃ ☿ 28th day.
30	T	Sun sets 4 47	2 27	19 37	0 N 18	
31	W		3 37	2 ♈ 2c	4 50	

Wing.	Days	Saturn ♄	Decl.	Jupiter ♃	Dec.	Mars ♂	Dec.	Venus ♀	Dec
	1	13 17	17N 31	18 23	22S45	25 2♍	23N 10	23 11	20S4
Oct.	7	13 49	17 23	19 16	22 51	27 34	23 25	29 5♎	22 4
	13	14 17	17 14	20 13	22 56	29 2♎	23 37	6♐ 22	24 2
1770.	19	14 43	17 8	21 14	23 1	0♎54	23 50	12 46	25 3
	25	15 5	17 2	22 19	23 6	2 ♎	24 3	19 3	26 3

M.D.	Sun's Place.		Sun's Declin.		Observations.
1	8♎	17	3 S	18	Saturn rises 3 m. before 1 in the morning.
2	9	17	3	41	Mars rises 51 m. past 8 at night.
3	10	16	4	4	Day 11 h. 18 m. long.
4	11	15	4	28	Pole Star south 1 m. past midnight.
5	12	14	4	51	Day decreased 5 h. 16 m.
6	13	14	5	14	
☾	14	13	5	37	Fomalhaut south 51 m. past 9 at night.
8	15	12	6	0	Saturn rises 26 m. before 1 in the morning.
9	16	12	6	23	Mars rises 33 m. after 8 at night.
10	17	11	6	46	Day 10 h. 52 m. long.
11	18	11	7	8	
12	19	10	7	31	Markab south 41 m. past 9 at night.
13	20	10	7	54	Saturn rises 42 m. before 1 in the morn.
☾	21	9	8	16	Mars rises 20 m. past 8 at night.
15	22	9	8	38	Fomalhaut south 21 m. past 9 at night.
16	23	8	9	0	
17	24	8	9	22	Day decreased 6 h. 2 m.
18	25	8	9	44	Day 10 h. 20 m. long.
19	26	8	10	6	Saturn rises 55 m. past 11 at night.
20	27	7	10	28	Mars rises 3 m. after 8 at night.
☾	28	7	10	49	
22	29	7	11	11	Pole Star south 54 m. after 10 at night.
23	♏	7	11	32	Sun enters ♏ 32 m. past 9 in the morning.
24	1	7	11	53	Day decreased 6 h. 30 m.
25	2	7	12	13	Day 9 h. 52 m. long.
26	3	7	12	34	Saturn rises 31 m. past 11 at night.
27	4	7	12	54	Mars rises 39 m. past 7 at night.
☾	5	7	13	15	
29	6	7	13	35	Venus's greatest Vespertine Elong. from the
30	7	7	13	54	Sun 47° 00′; sets 1 h. 40 m. after him.
31	8	7	14	14	

November 1770.

Full Moon the 3d day, at 9 in the morn.
Laſt Quarter the 10th day, at 5 in the morn.
New Moon the 17th day, at 10 in the morn.
Firſt Quarter the 25th day, at 1 in the after.

	Jupiter ſets.	Venus ſets.
1	6A 59	6 A40
7	6 39	6 41
13	6 20	6 43
19	6 0	6 45
25	5 42	6 47

M.	D.	W.	Holy-Days, ☉ riſes & ſets.	Moon ſets.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	T		All Saints.	4M49	15♈23	9N 15	
2	F		Pr. Edwardbo.	6 3	28 46	13 19	All Souls.
3	S			☽ riſes	12♉27	16 47	
4	G		21 S.aft. Trin.	5A 24	26 24	19 22	Moderate for
5	M		Papiſts Conſp.	6 16	10♊36	20 47	the ſeaſon.
6	T		Term begins.	7 18	24 51	20 52	Leonard.
7	W		D. of Cumb. b.	8 29	9♋7	19 35	□ ☉ ♄
8	T		Prs. Soph. Aug. b.	9 45	23 25	17 5	☽ in Per. ☌ ☿ ♀
9	F		Ld.-Mayor's Day at *London*.	11 5	7♌49	13 51	
10	S			Morn.	28 0	9 15	
11	G		22 S.aft. Trin.	0 21	6♍2	4 31	Martinmas.
12	M			1 39	19 54	0 S 26	△ ☌ ♅ Dark,
13	T		Brithus.	2 55	3♎37	5 17	cloudy weather.
14	W		Sun riſes 7 39	4 10	17 5	9 46	
15	T		Machutus.	5 23	0♏22	13 46	
16	F		Sun ſets 4 18	6 54	13 24	17 0	
17	S		Hugh, Bp. Linc.	☽ ſets	26 11	19 20	
18	G		23 S.aft. Trin.	5 4	8♐45	20 4	Wind, and ſome
19	M			5 56	21 5	20 58	ſhowers.
20	T		Edm. K. & M.	6 52	3♑14	20 16	
21	W		Day br. 5 43	7 52	15 14	18 40	✶ ♀ ♅
22	T		O. Mart.-day.	8 54	27 9	16 15	☽ in Ap. □ ♄ ♀
23	F		St. Clement.	9 57	9♒0	13 11	
24	S			11 2	20 50	9 34	
25	G		24 S.aft. Trin.	Morn.	2♓54	5 35	D. Glouc. bo.
26	M		Sun riſes 7 56	0 8	15 6	1 17	Dark days, but
27	T		Sun ſets 4 3	1 15	27 29	3N 9	☌ ♃ ☌ (fair moſtly.
28	W		Term ends.	2 23	10♈12	7 32	
29	T		Cl. ſlow 11 m.	3 33	23 15	11 43	
30	F		St. Andrew.	4 47	6♉45	15 28	P s. Dew. of Wales (born.

Wing.	Day	Saturn ♄	Decl.	Jupiter ♃	Decl.	Mars ♂	Decl.	Venus ♀	Decl.
	1	15 27	16N 58	23 38	23S 11	2 44	24N 20	26 7	27S 7
Nov.	7	15 42	16 55	24 49	23 15	2 R 51	24 36	1 [illegible] 54	27 12
	13	15 53	16 52	26 3	23 17	2 26	24 55	7 22	27 58
1770.	19	16 0	16 51	27 19	23 20	1 29	25 13	12 27	26 24
	25	16 4	16 51	28 37	23 23	0 4	25 31	17 2	25 34

M. D.	Sun's Place.		Sun's Declin.		Observations.
1	9	♏ 7	14 S	33	Day decreased 6 h. 58 m.
2	10	7	14	52	Day 9 h. 24 m. long.
3	11	8	15	11	Pole Star south 8 m. past 10 at night.
4	12	8	15	30	Saturn rises 58 m. past 10 at night.
5	13	8	15	48	Mars rises 3 m. past 7 at night.
6	14	8	16	6	
7	15	9	16	24	Day decreased 7 h. 20 m.
8	16	9	16	41	Day 9 h. 2 m. long.
9	17	10	16	59	
10	18	10	17	16	Mercury's greatest Matutine Elong. from
4	19	10	17	32	the Sun 19° 11′; rises 1 h. 56 m. before him.
12	20	11	17	49	
13	21	11	18	5	Saturn rises 23 m. past 10 at night.
14	22	12	18	21	Mars rises 21 m. after 6 at night.
15	23	13	18	36	Day decreased 7 h. 46 m.
16	24	13	18	51	Day 8 h. 36 m. long.
♈	25	14	19	6	
4	26	14	19	20	Fomalhaut south 8 m. past 7 at night.
19	27	15	19	34	Saturn rises 59 m. after 9 at night.
20	28	16	19	48	Mars rises 49 m. after 5 at night.
21	29	16	20	1	Day decreased 8 h. 4 m.
22	♑	17	20	14	Sun enters ♑ 28 m. past 5 in the morning.
23	1	18	20	27	Day 8 h. 16 m. long.
24	2	19	20	39	
4	3	19	20	51	Saturn rises 33 m. past 9 at night.
26	4	20	21	2	Mirach south 45 m. past 8 at night.
27	5	21	21	13	Mars rises 9 m. after 5 at night.
28	6	22	21	24	Day decreased 8 h. 24 m.
29	7	23	21	34	Day 8 h. long.
30	8	24	21	44	

December 1770.

Full Moon the 2d day, at 10 at night.
Laſt Quarter the 9th day, at 1 in the aftern.
New Moon the 17th day, at 3 in the morn
Firſt Quarter the 25th day, at 8 in the morn.

Days	Jupiter ſets.	Venus ſets.
1	5A21	6A46
7	5 0	6 41
13	4 40	6 33
19	4 20	6 16
25	4 0	5 54

M.	D.	W.	Holy-Days, ☉ riſes & ſets.	Moon ſets.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	1	S	Day br. 5 54	6M41	20♉38	18N 26	
2	2	G	Advent-Sund.	☽ riſes	4♊55	20 23	
3	3	M	Twilight 2 9	4A54	19 30	21 0	Wet and windy
4	4	T	Sun riſes 8 5	6 4	4♋16	20 12	weather.
5	5	W	Sun ſets 3 55	7 20	19 ☾	18 0	
6	6	T	Nicolas.	8 41	3♌52	14 36	☽ in Perigeo.
7	7	F		10 1	18 27	10 24	△ ☉ ♄
8	8	S	Conc. B. V. M.	11 19	2♍48	5 39	
9	9	G	2 S. in Advent.	Morn.	16 51	0 41	
10	10	M	Cl. ſo. 7 m.	0 35	0♎34	4 S 11	Sharp air and
11	11	T	Sun riſes 8 10	1 50	14 0	8 45	froſty weather.
12	12	W	Sun ſets 3 49	3 2	27 9	12 52	
13	13	T	Lucy.	4 12	☽♏ 3	16 14	
14	14	F		5 21	22 43	18 47	☽ ☉ ♂
15	15	S	Da br. 5 59	6 24	5♐12	20 24	☽ ♂ ☿
16	16	G	3 S. in Advent.	7 19	17 3♑	21 0	
17	17	M	Oxf. & Cam. T. e.	☽ ſets	29 39	20 36	
18	18	T	Twilight 2 11	5A30	11♑42	19 16	Cold rain, ſnow,
19	19	W	Ember Week.	6 31	23 38	17 6	☿ ☉ ☿ or ſleet.
20	20	T	Cl. ſo. 2 m.	7 34	5♒30	14 14	☽ in Apogeo.
21	21	F	St. Thomas.	8 38	17 21	10 48	Shorteſt Day.
22	22	S		9 42	29 14	6 57	
23	23	G	4 S. in Advent.	10 46	11♓13	2 46	☿ ♃ ☿
24	24	M	Day br. 6 1	11 53	23 20	1N 33	
25	25	T	Chriſtm. Day.	Morn.	5♈40	5 53	
26	26	W	St. Stephen.	1 1	18 17	10 5	Froſty weather in
27	27	T	St. John, Ev.	2 10	1♉16	13 55	☿ ☉ ♃ (the end.
28	28	F	Holy Innocents.	3 2	4 46	17 14	
29	29	S		4 3	28 3	19 37	
30	30	G	1 S. aft. Chriſt.	5 4	12♊55	20 53	
31	31	M	Silvester.	6 4	27 4	20 44	

Wing	Day	Saturn ♄ ℞	Decl.	Jupiter ♃	Dec.	Mars ♂ ℞	Dec.	Venus ♀	Dec.
	1	16 3	16N 51	29 56	23S 23	28 12	25N 47	20 55	24 S 32
Dec.	7	15 57	16 54	1♍17	23 24	26 1	20 0	24 7	23 15
	13	15 48	15 58	2 39	23 23	23 41	26 9	26 12	22 1
1770.	19	15 35	17 3	4 2	23 21	21 21	26 11	27 1	20 44
	25	15 19	17 8	5 25	23 19	19 13	26 8	26℞24	19 29

Mo.	Sun's Place.		Sun's Declin.	Observations.
1	9 ♐	25	21 S 53	Saturn rises 8 m. past 9 at night.
☾	10	26	22 2	Mars rises 39 m. past 4 in the afternoon.
3	11	27	22 11	Seven Stars south 53 m. after 10 at night.
4	12	28	22 19	Aldebaran south 36 m. past 11 at night.
5	13	29	22 27	
6	14	30	22 34	Day decreased 8 h. 38 m.
7	15	31	22 41	Saturn rises 42 m. past 8 at night.
8	16	32	22 47	Day 7 h. 44 m. long.
☾	17	33	22 53	Pole Star south 37 m. past 7 at night.
10	18	34	22 59	
11	19	35	23 4	Seven Stars south 16 m. past 10 at night.
12	20	36	23 8	Day decreased 8 h. 48 m.
13	21	37	23 12	Saturn rises 14 m. after 8 at night.
14	22	38	23 16	Day 7 h. 38 m. long.
15	23	39	23 19	
☾	24	40	23 22	Aldebaran south 41 m. past 10 at night
17	25	41	23 24	Day decreased 8 h. 50 m.
18	26	42	23 26	Saturn rises 51 m. after 7 at night.
19	27	44	23 27	Mars sets 11 m. past 8 in the morning.
20	28	45	23 28	
21	29	46	23 28	Sun enters ♍ 34 m. after 5 at night.
22	♍	47	23 28	Day 7 h. 34 m. long.
☾	1	48	23 27	Pole Star south 35 m. past 6 at night.
24	2	49	23 26	
25	3	51	23 25	Saturn rises 18 m. after 7 at night.
26	4	52	23 23	Day increased 1 m.
27	5	53	23 20	Day 7 h. 38 m. long.
28	6	54	23 17	
29	7	55	23 14	Aldebaran south 46 m. after 9 at night.
☾	8	56	23 10	
31	9	58	23 6	

The Longitude of Mercury, and his Declinatio for the Year 1770.

Days	January	February	March	April	May	June
1	6♑ 21	28 ♒ 23	1 ♓ ℞ 0	15 ♓ 41	7 ♉ 50	4 ♊
4	11 8	2 ♓ 56	28 ♒ 50	19 46	14 23	7
7	16 0	6 53	27 37	24 7	20 56	10
10	20 56	9 52	27 D 25	28 45	27 23	12
13	25 55	11 35	28 0	3 ♈ 36	3 ♊ 39	13
16	1 ♒ 0	11 ♓ 48	29 28	8 44	9 39	14
19	6 9	10 33	1 ♓ 34	14 4	15 18	14 ♓
22	11 21	8 6	4 12	19 40	20 30	13
25	16 34	4 59	7 11	25 31	25 18	12
28	21 44	1 54	10 35	7 ♉ 36	29 35	10

Days	July	August	Sept.	Octob.	Nov.	Decem.
1	8♎ ℞ 54	23 ♍ 31	22 ♏ 34	3 ♏ 46	24 ♎ 56	29 ♏
4	7 10	28 56	27 31	6 25	24 D 53	3 ♐
7	5 48	4 ♌ 47	2 ♎ 18	8 32	26 23	8
10	5 0	10 50	6 54	9 59	28 59	13
13	4 D 58	16 58	11 21	10 32	2 ♏ 30	17
16	5 43	23 1	15 37	9 ℞ 56	6 30	22
19	7 18	28 58	19 42	8 2	10 47	27
22	9 46	4 ♏ 45	23 36	4 56	15 14	2 ♑
25	13 1	10 18	27 17	1 8	19 49	6
28	17 3	15 42	0 ♏ 41	27 ♎ 42	24 26	11

The Declination of Mercury to every Sixth Day.

Days	January	February	March	April	May	June
1	24 S 47	12 S 49	8 S 10	7 S 44	13 N 41	25 N 15
7	24 26	8 34	10 29	4 38	18 32	24
13	23 5	4 49	11 25	0 50	22 21	22 27
19	20 44	4 30	11 33	3 N 39	24 45	20 4
25	17 31	6 10	10 22	8 33	25 38	19 17

Days	July	August	Sept.	Octob.	Nov.	Dec.
1	18 N 39	21 N 38	3 N 40	15 S 28	8 S 20	19 S 37
7	18 36	20 16	0 S 51	16 42	8 7	22
13	19 17	17 24	5 8	18 4	10 17	23 5
19	20 26	13 28	9 6	16 31	13 28	24 5
25	21 29	9 1	12 36	12 31	16 40	25 9

WING.

A

PROGNOSTICATION,

For the Year of our

LORD GOD, 1770.

An Explanation of the Characters made uſe of in this Almanack.

The Seven Planets, and Five Aſpects.		The Twelve Signs.	
♄	Saturn	♈	Aries
♃	Jupiter	♉	Taurus
♂	Mars	♊	Gemini
☉	The Sun	♋	Cancer
♀	Venus	♌	Leo
☿	Mercury	♍	Virgo
☽	The Moon	♎	Libra
Aſpects. ☌	Conjunction	♏	Scorpio
⚹	Sextile	♐	Sagittary
□	Square	♑	Capricorn
△	Trine	♒	Aquarius
☍	Oppoſition	♓	Piſces

Lands ſurveyed, divided and incloſed, and Maps of the ſame correctly delineated. Alſo Timber and Pole Wood ſurveyed, valued and ſold by *Vincent Wing* of *Pickworth*, in the County of *Rutland*.

A Compendious Chronology of Memorable Things since the Creation to this present Year.

A.P.J	*before Chriſt.*		*Years ſince.*
710	4004	The Creation of the World	5774
1766	2948	*Noah* born	4718
2366	2348	*Noah*'s Flood began	4118
2481	2233	The *Babylonian* Monarchy eſtabliſhed	4003
2718	1996	*Abraham* born	3766
2986	1728	*Joſeph* ſold into *Egypt*	3498
3143	1571	*Moſes* born	3341
3223	1491	The *Iſraelites* Departure out of *Egypt*	3261
3530	1184	*Troy* taken and deſtroyed by the *Greeks*	2954
3710	1004	*Solomon*'s Temple built and dedicated	2774
4126	588	*Jeruſalem* and the Temple deſtroyed	2358
4176	538	*Daniel* delivered from the Den of Lions	2308
4198	516	The Temple of *Jeruſalem* rebuilt	2286
4391	323	The Death of *Alexander the Great*	2093
4710	4	The true Year of *Chriſt*'s Birth	1774
4714	0	The vulgar Year of *Chriſt*'s Birth	1770

A. D.		
33	The Paſſion and Reſurrection of *Jeſus Chriſt*	1737
70	*Jeruſalem* and the Temple deſtroyed by *Titus*	1700
100	St. *John*, the laſt of the Apoſtles, dies *Dec.* 20.	1670
313	Chriſtianity triumphs under *Conſtantine*	1457
476	*Auguſtulus* the laſt *Roman* Emperor depoſed	1294
606	The wicked *Phocas* makes Pope *Boniface* Head of the Church	1164
608	*Mahomet* broaches his Impoſture at *Mecca*	1162
872	*Italy* and *Rome* plundered by the *Saracens*	898
1012	*Swain* King of *Denmark* conquers *England*	758
1066	*William* Duke of *Normandy* conquers *England*	704
1110	Arts and Sciences taught in *Cambridge*	660
1119	The firſt War between the *French* and *Engliſh*	651
1300	The Mariners Compaſs invented	470
1330	The *Canaries* diſcovered by an *Engliſh* Ship	440
1380	Gunpowder and the Uſe of Guns firſt found out	390
	Conſtantinople taken from the *Chriſtians*	317

A.D.		Years since.
1463	The *Perſians* conquered by *Tamerlane*	307
1500	*Rome* plundered by the Duke of *Bourbon*	270
1517	*Martin Luther* firſt diſputed againſt Popery	253
1536	*England* ſeparated from the Church of *Rome*	234
1588	The *Spaniſh Armado* defeated by the *Engliſh*	182
1603	Q. *Eliz.* dies, *March* 24. and K. *James* I. began	167
1604	Died of the Plague in *London*, in 2 Years, 68596	166
1605	Gunpowder Treaſon, *Nov.* 5.	165
1613	The New-River Water brought to *London*	157
1618	The excellent Sir *Walter Raleigh* beheaded	152
1625	K. *James* I. died, K. *Charles* I. began, *Mar.* 27.	145
1625	35417 Perſons died of the Plague in *London*	145
1641	The cruel *Iriſh* Maſſacre began, *October* 23.	129
1643	*Burleigh-Houſe* ſtormed by *Cromwel*, *July* 24.	127
1649	K. *Charles* I. barbarouſly murdered, *January* 30.	121
1660	K. *Charles* II. reſtored, *May* 29.	110
1665	68586 Perſons died of the Plague in *London*	105
1666	*London* burnt, and a great Sea Fight with the *Dutch*	104
1672	War declared againſt the *Dutch*, *March* 17.	98
1674	A great Snow for 11 Days together	96
1675	The Town of *Northampton* burnt, *Sept.* 3.	95
1680	A great and ſplendid Comet appeared	90
1684	The great Froſt that held 13 Weeks	86
1685	K. *Charles* II. died, *Feb.* 6. and K. *James* II. began	85
1685	The Duke of *Monmouth* beheaded, *July* 15.	85
1688	Seven Biſhops ſent to the *Tower*, *June* 8.	82
1688	K. *James* II. abdicated, *December* 12.	82
1689	K. *William* and Q. *Mary* crowned, *April* 11.	81
1692	The *French* Fleet entirely defeated by the *Engliſh*.	78
1698	*Whitehall* Palace entirely deſtroyed by Fire, except the *Banqueting-Houſe*	72
1702	K. *William* died, *March* 8. and Q. *Anne* began	68
1702	Q. *Anne* proclaimed War againſt *France*, *May* 4.	68
1703	A great and terrible Wind, *Nov.* 26 and 27.	67
1704	*Gibraltar* taken by the *Engliſh*	66
1707	*England* and *Scotland* united, *May* 1.	63
1709	*Sacheverel* preached his ſeditious Sermon, *Nov.* 5	61
1710	Riots and great Diſturbances in *England*	60

A.D.		Years since.
1714	Q. *Anne* died, *Auguſt* 1. and K. *George* I. began	56
1715	A famous Total Eclipſe of the ☉ in *England*, *April* 22. in the Morning	55
1715	A Rebellion in *Scotland* and *Lancaſhire* ſuppreſſed	55
1716	A great Froſt in the Beginning of this Year	54
1718	The *Spaniſh* Fleet deſtroyed by Admiral *Byng*, near *Syracuſe*, *July* 31.	52
1719	A ſurprizing Meteor ſeen, *March* 19. at 8 at Night	51
1719	Mr. *Flamſtead*, a celebrated Aſtronomer, died *Dec.* 31.	51
1727	The incomparable Sir *Iſaac Newton* died, *Mar.* 20.	43
1727	K. *George* I. died, *June* 11. and K. *George* II. began	43
1734	The Battle of the *Breeches* in *Italy*, *Sept.* 4.	36
1736	The Prince and Princeſs of *Wales* married, *Ap.* 27.	34
1739	Letters of Marque publiſhed in *London* againſt the *Spaniards*, *July* 16.	31
1739	War declared by *Great Britain* againſt *Spain*, *October* 23.	31
1739	*Porto-Bello* taken and deſtroyed by Admiral *Vernon*, *November* 22.	31
1740	A very ſevere Froſt from *Dec.* 25. to *Feb.* 27.	30
1742	A Comet appeared from *Feb.* 18. to *Mar.* 14.	28
1742	A Conjunction of ♄ and ♃ *Auguſt* 18. in ♌	28
1743	A ſplendid Comet appeared from *December* 23. to *February* 18. in ♈	27
1744	*March* 4. *France* declared War againſt *England*; and *March* 31. *England* declared War againſt *France*.	26
1745	*Cape Breton* taken from the *French*, *June* 16.	25
1746	The *Scotch* Highland Rebels defeated by his Royal Highneſs the Duke of *Cumberland*, at *Culloden*, near *Inverneſs*, *April* 16.	24
1748	A General Peace ſigned *October* 7.	22
1749	*Cape Breton* reſtored to the *French*	21
1750	The *Britiſh* Fiſhery eſtabliſhed	20
1751	The Prince of *Wales* died, *March* 20.	10
1752	The Date and Calendar altered	18
1755	*Liſbon* deſtroyed by an Earthquake, *Nov.* 1.	15
1756	*England* declared War againſt *France*, *May* 18.	14

A.D.		*Years since*
1756	The Iſland *Minorca* taken by the *French*, *June* 27.	14
1757	Count *Brown* defeated by the King of *Pruſſia* near *Prague*, *May* 6.	13
1757	The King of *Pruſſia* defeated by Count *Daun* at *Collin*, *June* 18.	13
1758	The *French* defeated at *Crevelt* by Pr. *Ferdinand*, *June* 23.	12
1758	Lord *Howe* ſlain, *July* 6. and Gen. *Abercrombie* repulſed at *Ticonderoge*, *July* 8.	12
1758	*Cape Breton* taken by the *Engliſh*, *July* 26.	12
1758	The *Ruſſians* defeated at *Zorndorff* by the King of *Pruſſia*, *Sept.* 25.	12
1759	The Iſland of *Guadalupe* taken by Gen. *Barrington* and Commodore *Moore*, *May* 1.	11
1759	The *French* defeated at *Minden* by Pr. *Ferdinand*, *Auguſt* 1.	11
1759	The King of *Pruſſia* defeated at *Cunnerſdorff* by the Count *de Soltikoff*, *Auguſt* 12.	11
1759	Gen. *Wolfe* ſlain, though victorious, *Sept.* 13. and *Quebec* taken *Sept.* 18. by Gen. *Townſhend*.	11
1760	*Montreal* taken by Gen. *Amherſt*, *Sept.* 8.	10
1760	K. *George* II. died, *Oct.* 25. and K. *George* III. began his Reign.	10
1761	*Pondicherry* taken by Col *Coote*, *Jan.* 15.	9
1761	K. *George* III. married Q. *Charlotte*, *Sept.* 8.	9
1761	K. *George* III. crowned, *Sept.* 22.	9
1762	The Iſland of *Martinico* taken by Gen. *Monckton* and Adm. *Rodney*, *Feb.* 14.	8
1762	*George* Prince of *Wales* born, *Auguſt* 12.	8
1762	The *Havannah* taken by Lord *Albemarle* and Sir *George Pocock*, *Auguſt* 12.	8
1763	A general Peace in all *Europe*.	7
1763	Pr. *Frederick*, Biſhop of *Oſnaburgh*, born *Aug.* 16.	7
1765	Prince *William-Henry* born *Auguſt* 21.	5
1766	Princeſs *Charlotte-Auguſta-Matilda* born *Sept.* 29.	4
1767	Prince *Edward* born *Nov.* 2.	3
1768	Princeſs *Sophia-Auguſta* born *Nov.* 8.	2

Of the Eclipſes this Year 1770.

THERE will be but Two Eclipſes, which will happen in the following Order.

The Firſt Eclipſe is of the Sun, and will happen on *Friday* the 25th Day of *May*, near our Two o'Clock in the Morning; conſequently inviſible to us, and to all theſe Parts of the Globe.

The Second Eclipſe is likewiſe of the Sun, and will happen on *Saturday* the 17th Day of *November*, near our Ten o'Clock in the Morning; but will be Inviſible to us, and to all theſe Parts of the Earth.

Although at the Time of this laſt Eclipſe, the Sun will have a conſiderable Altitude above our Horizon; yet the Moon's South Latitude being augmented by her Southern Parallax of Latitude, will depreſs her too low to Eclipſe any Part of the Sun's Body,

A Table

A Table of the Eclipſes of *Jupiter*'s Firſt Satelles, reduced to correct or apparent Time, 1770.

January.

Immerſions.

D.	H.	M.	S.
1	9	18	55
3	3	46	27
4	22	14	1
6	16	41	36
8	11	9	12
10	5	36	49
12	0	4	25
13	18	32	7
15	12	59	49
17	7	27	33
19	1	55	18
20	20	23	5
22	14	50	55
24	9	18	47
26	3	46	43
27	22	14	42
29	16	42	44
31	11	10	49

February.

2	5	38	55
4	0	7	3
6	18	35	13
7	13	3	24
9	7	31	38
11	1	59	54
12	20	28	13
14	14	56	34
16	9	24	57
18	3	53	22
19	22	21	50
21	16	50	20
23	11	18	53
25	5	47	27

February

Immerſions.

D.	H.	M.	S.
27	0	16	3
28	18	44	40

March.

2	13	13	18
4	7	41	58
6	2	10	39
7	20	39	22
9	15	8	6
11	9	36	51
13	4	5	38
14	22	34	26
16	17	3	15
18	11	32	4
20	6	0	54
22	0	29	45
23	18	58	36
25	13	27	27
27	7	56	18
29	2	25	10
30	20	54	2

April.

1	15	22	55
3	9	51	47
5	4	20	39
6	22	49	30
8	17	18	20
10	11	47	9
12	6	15	56
14	0	44	42
15	19	13	28
17	13	42	14
19	8	11	0

April.

Immerſions.

D.	H.	M.	S.
21	2	39	46
22	21	8	31
24	15	37	14
26	10	5	56
28	4	34	36
29	23	3	14

May.

1	17	34	51
3	12	0	26
5	6	29	0
7	0	37	32
8	19	26	3
10	13	54	33
12	8	23	3
14	2	51	12
15	21	20	0
17	15	48	27
19	10	16	53
21	4	45	16
22	23	13	37
24	17	41	57
26	12	10	26
28	6	38	34
30	1	6	51
31	19	35	8

June.

2	14	3	24
4	8	31	40
6	2	59	55
7	21	28	9
9	15	56	23

Emerſions.

11	12	35	0

May.

Emerſions.

D.	H.	M.	S.
13	7	3	15
15	1	31	30
16	19	59	44
18	14	27	58
20	8	56	13
22	3	24	28
23	21	52	45
25	16	21	3
27	10	49	22
29	5	17	43
30	23	46	3

July.

2	18	14	24
4	12	42	47
6	7	11	11
8	1	39	37
9	20	8	5
11	14	36	33
13	9	5	7
15	3	33	41
16	22	2	17
18	16	30	54
20	10	59	32
22	5	28	13
23	23	56	57
25	18	25	43
27	12	54	30
29	7	23	20
31	1	52	13

Auguſt.

1	20	21	9
3	14	50	8

August. Emerſions.				*September.* Emerſions.				*October.* Emerſions.				*October.* Emerſions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
5	9	19	9	2	17	6	55	1	0	58	35	29	8	45	38
7	3	48	12	4	11	36	22	2	19	27	59	31	3	14	30
8	22	17	16	6	6	5	51	4	13	57	21	*November.*			
10	16	46	22	8	0	35	22	6	8	26	41				
12	11	15	30	9	19	4	53	8	2	56	1	1	21	43	20
14	5	44	39	11	13	34	23	9	21	25	20	3	16	12	8
16	0	13	50	13	8	3	53	11	15	54	38	5	10	40	53
17	18	43	2	15	2	33	22	13	10	23	55	7	5	9	34
19	13	12	15	16	21	2	51	15	4	53	10	8	23	38	10
21	7	41	29	18	[illegible]	32	20	16	23	22	23	10	18	6	42
23	2	10	45	20	10	1	48	18	17	51	32	12	12	35	12
24	20	40	4	22	4	31	16	20	12	20	38	14	7	3	39
26	15	9	24	23	23	0	45	22	6	49	43	16	1	32	4
28	9	38	45	25	17	30	13	24	1	18	46	17	20	0	26
30	4	8	7	27	11	59	41	25	19	47	46	*Jupiter* near the Sun.			
31	22	37	30	29	6	29	9	27	14	16	43				

The Times of the Eclipſes contained in this Table are adapted to the Meridian of the Royal Obſervatory near *London*; and by carefully obſerving the Times of the Immerſions and Emerſions of this Satellite, which is the moſt convenient and proper for Geographical Purpoſes of any of the other three, the Longitude or Difference of the Meridian of the Place where the Obſervation is made, and the Place the Eclipſes are calculated for, may be exactly diſcovered; and is the moſt correct and practical Method ever yet hit upon: notwithſtanding the many whimſical, and ſome ingenious Ways, invented for that Purpoſe, by ſeveral Perſons who have ſpent much Time and Labour, in Hopes of gaining the great Reward of Twenty Thouſand Pounds offered by Parliament, for a practical Method of ſolving that grand Problem with Certainty, but hitherto to no Effect. It is alſo much more eaſy and correct to find the Difference of Meridians by this Method, than by the Eclipſes of the Moon, not only on Account of their more frequent happening, but becauſe the Motion and Times of theſe Immerſions and Emerſions are more

eaſily

eaſily obſerved, than the Times of the Beginning and End of a Lunar Eclipſe; becauſe the Time of the Moon's Ingreſs into the Shadow of the Earth, and her Egreſs out of it, is not eaſily diſtinguiſhed from that of the Penumbra.

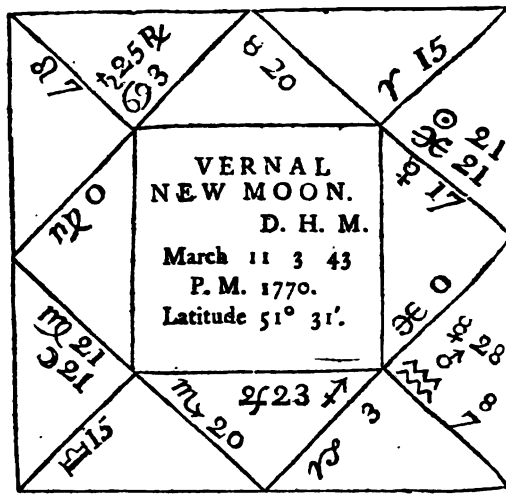
I ſhall illuſtrate the Uſe of the preceding Table by an Example.

Suppoſe, on the 13th Day of *October*, this Year, the Time of the Emerſion of *Jupiter*'s firſt Satelles be obſerved (by a Teleſcope) in an unknown Meridian, to happen at 48 Minutes 30 Seconds after 7 at Night: I find by the Table, that the Time of this Emerſion will be (at the *Britiſh* Obſervatory) at 23 Minutes, 55 Seconds after 10 the ſame Night: The Difference of the Times is 2 Hours, 35 Minutes, 25 Seconds; which being converted into Degrees and Minutes of the Equator, will make 38 Degrees, 51 Minutes, 15 Seconds, the Longitude of the Place of Obſervation to the Weſt; becauſe the Time is leſs than that at the *Britiſh* Obſervatory.

See the Operation.

	H.	M.	S.	
Emerſion at the Obſervatory - -	10	23	55	
Emerſion at the Place of Obſervation	7	48	30	
The Difference in Time is - - - - -	2	35	25	
In Degrees of the Equator - - -	38°	51′	15″	Weſt.

VERNAL



THE Vernal or Spring Quarter begins this Year on the 20th Day of *March*, at 21 Minutes paſt 1 in the Afternoon: But, for ſome Reaſons formerly given in this Almanack, I ſhall have a more ſpecial Regard to the Time of the Lunation next preceding this Ingreſs, as a proper Baſis for the ingenious Artiſt to raiſe a Judgment on this Year's Revolution.

Table of the Equation of natural Days, exactly calculated for the Year 1770.

	Janu.		*Febr.*		*March.*		*April.*		*May.*		*June.*	
	4	S. 15	4	S. 11	12	S. 44	3	S. 59	3	A. 8	2	A. 43
	4	44	14	18	12	32	3	41	3	16	2	34
	5	12	4	24	12	19	3	23	3	23	2	25
	5	39	14	29	12	6	3	5	3	29	2	15
	6	5	14	34	11	52	2	47	3	35	2	5
5	6	31	14	38	11	38	2	30	3	40	1	54
7	6	57	14	42	11	23	2	12	3	45	1	43
3	7	22	14	44	11	8	1	54	3	49	1	32
	7	47	14	45	10	53	1	37	3	53	1	21
5	8	12	14	46	10	37	1	20	3	56	1	9
1	8	36	14	46	10	21	1	3	3	58	0	57
2	8	59	14	46	10	5	0	47	4	0	0	45
3	9	22	14	45	9	48	0	31	4	1	0	33
4	9	44	14	43	9	31	0	15	4	2	0	21
5	10	5	14	40	9	13	0	A. 1	4	2	0	9
6	10	25	14	36	8	55	0	16	4	2	0	S. 4
7	10	45	14	31	8	37	0	30	4	1	0	17
8	11	4	14	25	8	19	0	43	4	0	0	29
9	11	23	14	19	8	1	0	57	3	58	0	42
0	11	41	14	12	7	43	1	10	3	55	0	55
1	11	58	14	5	7	24	1	23	3	51	1	8
2	12	14	13	57	7	5	1	36	3	47	1	21
3	12	29	13	49	6	46	1	49	3	43	1	33
4	12	43	13	40	6	28	2	1	3	38	1	46
5	12	57	13	30	6	9	2	12	3	33	1	59
6	13	10	13	19	5	50	2	22	3	27	2	12
7	13	23	13	8	5	31	2	32	3	21	2	25
8	13	35	12	56	5	13	2	42	3	14	2	37
9	13	46			4	54	2	51	3	7	2	49
0	13	56			4	36	3	0	2	59	3	1
1	14	4			4	17			2	51		

If the equal Time be given; add to, or subtract the tabular Numbers from it, as directed by the Table, the Sum or Difference will be the correct or apparent Time.

A Table of the Equation of natural Days, exactly calculated for the Year 1770.

D.	*July.*	*August.*	*Sept.*	*October.*	*Nov.*	*Dec.*
1	3 S. 13	5 S. 49	0 A. 19	10 A. 26	16 A. 14	10 A. 32
2	3 25	5 45	0 38	10 45	16 14	10 [illegible]
3	3 36	5 41	0 57	11 3	16 14	9 44
4	3 47	5 36	1 16	11 21	16 13	9 19
5	3 57	5 30	1 35	11 38	16 11	8 54
6	4 7	5 23	1 55	11 55	16 8	8 28
7	4 17	5 10	2 15	12 11	16 5	8 2
8	4 26	5 9	2 35	12 27	16 1	7 36
9	4 35	5 1	2 55	12 42	15 56	7 9
10	4 44	4 53	3 15	12 58	15 50	6 42
11	4 52	4 44	3 35	13 14	15 43	6 14
12	5 1	4 35	3 56	13 29	15 35	5 46
13	5 9	4 25	4 17	13 44	15 26	5 18
14	5 16	4 15	4 38	13 58	15 16	4 49
15	5 22	4 4	5 0	14 11	15 5	4 20
16	5 28	3 52	5 21	14 24	14 54	3 50
17	5 33	3 39	5 42	14 36	14 42	3 20
18	5 38	3 26	6 3	14 48	14 29	2 50
19	5 42	3 12	6 24	14 59	14 16	2 20
20	5 46	2 58	6 45	15 9	14 1	1 50
21	5 49	2 44	7 6	15 19	13 45	1 20
22	5 52	2 29	7 26	15 28	13 29	0 50
23	5 54	2 14	7 47	15 36	13 12	0 20
24	5 56	1 59	8 7	15 43	12 54	0 S. 11
25	5 57	1 43	8 27	15 48	12 36	0 41
26	5 57	1 27	8 47	15 54	12 18	1 11
27	5 57	1 10	9 7	16 0	11 59	1 41
28	5 57	0 53	9 26	16 5	11 39	2 10
29	5 56	0 36	9 46	16 9	11 11	2 39
30	5 54	0 18	10 6	16 11	10 55	3 8
31	5 52	0 A. 0		16 13		3 37

If the correct or apparent Time be given; add to, or subtract the tabular Numbers from it, contrary to the Directions of the Table; the Sum or Difference will be the equal Time.

Of the KALENDARS, CYCLES, *and* PERIODS.

(Continued from our laſt.)

"IF all the Years were *Egyptian* Years of 365 Days, after "a Period of ſeven Years, the ſame Days of the Month "would return to fall on the ſame Day of the Week. But "we obſerving the *Julian* Year, where every fourth is Biſſex-"tile, or conſiſts of 366 Days, in which, beſides the 52 "Weeks, there are two Days over; if that Year ſhould "begin with a *Sunday*, it will end on a *Monday*; and the "next Year will begin on *Tueſday*, and the firſt *Sunday* of "that Year will be on the Sixth of *January*, to which is "annexed the Letter F, which will be the Dominical Letter "for the Year following that Leap-Year, whoſe Dominical "Letter was A.

"By this Means, the Biſſextile Year returning every fourth "Year, the Series of the Dominical Letters ſucceeding each "other is interrupted, and does not return in order till after "four times ſeven, or twenty-eight Years. Hence ariſeth the "Cycle of 28 Years, which is called the Cycle of the Sun; "which being compleated, the Days of the Months return "in the ſame Order to the ſame Days of the Week. In this "Cycle all the Biſſextile Years have two Dominical Letters, "the firſt of which takes Place till the 24th or 25th of *Fe-"bruary*, and the other ſerves for all the reſt of the Year: "For in the Biſſextile Year the 24th and 25th of *February*, "are eſteemed as one and the ſame Day, and both of them "have the ſame Letter F annexed to them; and by this the "Order of the *Sunday* Letter is interrupted. For Example, "if in the Beginning of the Year the *Sunday* Letter is E, the "24th of *February* will fall upon a *Monday*, and the 25th on "a *Tueſday*; both which Days are marked with the Letter F; "and therefore the following Letter G, which ſhewed the

Chronological Notes for the Year 1770.

Golden Number	4	Septuages. Sun.	Feb. 11
Cycle of the Sun	15	Shrove Sunday	Feb. 25
The Epact	3	Easter Day	April 15
Dominical Letter	G	Whit Sunday,	June 3
Number of Direction	25	Trinity Sunday	June 10
Roman Indiction	3	Advent Sunday	Dec. 2

Astronomical Characters explained.

♈ Aries	♋ Cancer	♎ Libra	♑ Capricorn
♉ Taurus	♌ Leo	♏ Scorpio	♒ Aquarius
♊ Gemini	♍ Virgo	♐ Sagitary	♓ Pisces

♄ Saturn	☉ Sol (the Sun)	☽ Luna (the Moon)	⊕ Tellus, Terra (or the Earth)
♃ Jupiter	♀ Venus	☊ Moon's N. Node	
♂ Mars	☿ Mercury	☋ her S. Node	

☌ Conjunction when Planets are in the same Sign, Deg. Min. &c.
✱ Sextile when 2 Signs dist. | △ Trine when 4 Signs dist.
□ Quartile when 3 Signs dist. | ☍ Opposition when 6 Signs dist.

Of the Four Quarters of the Year 1770.

THE Spring Quarter begins on the 20th Day of *March*, at 21 Minutes past 1 in the Afternoon. Apparent Time.

The Summer Quarter begins *June* 21st, 9 Minutes past Noon.

The Autumnal Quarter begins *September* 23, 49 Minutes past 1 in the Morning.

The Winter Quarter begins on the 21st Day of *December*, 34 Minutes after 5 in the Afternoon.

THE beautiful Planet VENUS is a Morning Star until the 26th Day of *March*; and after that Time, she will be an Evening Star, to the End of the Year.

JUPITER is a Morning Star until the 10th Day of *June*, and after that Time, he will be an Evening Star, until the Year's End.

'fourteenth Day, or whoſe Full Moon, fell either on the 'Vernal Equinox, or next after it, was reckoned the firſt 'Month of the Year. The *Chriſtian* Church was willing to 'obſerve the ſame Method in celebrating of *Eaſter*. But 'yet to diſtinguiſh it from the *Jewiſh* Paſſover, would not 'keep the Feaſt on the 14th Day, but on the *Sunday* after, 'becauſe our Lord roſe upon the *Sunday* after the *Jewiſh* 'Paſſover.

"Therefore for determining the Time for the Celebration 'of *Eaſter*, we muſt define the Time of the Equinox, which 'was believed to be fixed to the Twenty-firſt of *March*, and 'the Fathers thought it could never happen on any other Day; 'and therefore they made their Kalendar upon that Suppo-'ſition. Then they called that the Paſcal or firſt Month, 'whoſe 14th Day or Full Moon fell on the Equinoctial Day, 'that is, on the 21ſt of *March*, or next following the 21ſt 'of *March*. But becauſe the *Jewiſh* Months were Lunar 'Months, the 14th Day immediately preceded the Full 'Moon; therefore for the Time of the Obſervation of '*Eaſter*, we muſt have a regard to the Motion of the Moon, and 'the Times of the New Moons and Full Moons muſt be found. 'The *Jews* had no other Way of finding the New Moon, but 'by obſerving it; and when the Moon firſt appeared to emerge 'out of the Sun's Rays, or to riſe in the Evening Heliacally, 'that Day they called the firſt Day of the Moon or Month. 'The *Chriſtian* Church computed their Lunations by the '*Metonick* Cycle of 19 Years; and therefore they inſerted 'this Cycle in their Kalendars, and called its Numbers the 'Primes or Gold-Numbers, by which they determined the 'Times of the Lunations."

F I N I S.

BOOKS printed for L. HAWES, W. CLARKE, *and* R. COLLINS, *in* Pater-noſter Row.

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ΑΤΛΑΣ ΟΥΡΑΝΙΟΣ

The COELESTIAL ATLAS;

Or, A New

EPHEMERIS

For the YEAR of our LORD 1770.

Being the Second after

BISSEXTILE, or LEAP-YEAR.

Wherein are contained

The Heliocentrick and Geocentrick Places of the Planets, the ECLIPSES of the Luminaries, and other remarkable PHÆNOMENA that will happen this Year.

Carefully computed

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By ROBERT WHITE,

Teacher of the Mathematicks.

Οἱ οὐρανοὶ διηγοῦνται δόξαν Θεοῦ.

The TWENTY FIRST IMPRESSION.

LONDON:

Printed by T. PARKER, for the Company of STATIONERS.

[PRICE NINE-PENCE stitched.]

A TABLE of the Difference of Meridians in Time, from the Royal Obſervatory near LONDON, and of the Latitudes of ſeveral famous Cities, and other remarkable Places. Taken from Dr. *Halley*'s Tables.

NAMES of PLACES.	Diff. Mer.				Alt. of Pole.			
	h.	m.	ſ.		d.	m.	ſ.	
Alexandria in Egypt	2	1	6	A.	31	7	0	N.
Athens in Greece	1	35	30	A.	38	5	0	N.
Babylon in Egypt, Grand Cairo	2	5	45	A	30	2	30	N.
Berlin in Brandenburg	0	53	50	A.	52	33	0	N.
Cape of Good Hope in Africa	1	8	0	A.	34	15	0	S.
Cadiz in Spain	0	24	28	S.	36	33	30	N.
Carthagena in America	5	0	46	S	10	26	0	N.
Copenhagen in Denmark	0	51	0	A.	55	40	45	N.
Dantzick in Poland	1	15	12	A	54	22	0	N.
Iſland of St. Helen	0	24	0	S	15	55	0	S.
Jeruſalem	2	21	20	A	31	55	0	N.
London at St. Paul's	0	0	20	S.	51	30	40	N.
Liſbon in Portugal	0	36	50	S	38	42	30	N.
Moſcow in Ruſſia	2	41	20	A	55	36	0	N.
Naples in Italy	0	58	40	A.	40	50	45	N.
Obſervatory at Greenwich	0	0	0	—	51	28	30	N.
Obſervatory at Paris	0	9	20	A.	48	50	10	N.
Oxford	0	5	4	S.	51	45	0	N.
Peterſburg in Ruſſia	2	1	20	A.	60	0	0	N.
Pekin in China	7	45	20	A.	39	54	0	N.
Porto Bello in America	5	19	20	S.	9	33	5	N.
Prague in Bohemia	0	59	0	A.	50	4	30	N.
Rome, the Metropolis of Italy	0	50	0	A.	41	54	0	N.
Rochelle in France	0	5	4	S.	46	9	43	N.
Smyrna in Turky	1	49	19	A.	38	28	7	N.
Teneriff Mountain	1	6	12	S.	28	23	27	N.
Terra del Gada in Madagaſcar	2	58	0	A.	19	29	0	S.
Tornea in Lapland	1	35	15	A.	65	50	50	N.
Venice in Italy	0	48	18	A.	45	25	0	N.
Vienna in Auſtria	1	5	30	A.	48	12	48	N.
Upſal in Sweden	1	11	0	A.	59	51	50	N.

A TABLE of the KINGS and QUEENS of England since the Conqueſt.

Kings and Queens.	Born A D.	Began their Reign.	Reigned Y. M. D.	Age.	Rem. Deaths and Dethron.	Where Buried.
Will. Conq.	1027	1066 Oct. 14	20 10 20	60	Burſt by Leap.	Caen, Norm.
Will. Rufus	1057	1087 Sept. 9	12 10 24	43	Slain accidentally.	Wincheſter
Henry I	1058	1100 Aug. 2	35 4 0	77		Reading
Stephen	1105	1135 Dec. 1	18 10 24	49		Feverſham
Henry II	1134	1154 Oct. 25	34 8 12	55		Fonteveraud
Richard I	1156	1189 July 6	9 9 0	43	Slain with an Arrow.	Fonteveraud
John	1166	1199 April 6	17 6 13	50		Worceſter
Henry III	1207	1216 Oct. 19	56 0 28	65		Weſtminſter
Edward I	1239	1272 Nov. 16	34 7 21	67		Weſtminſter
Edward II	1284	1307 July 7	19 6 13	43		Glouceſter
Edward III	1312	1327 Jan. 20	50 5 1	65		Weſtminſter
Richard II	1366	1377 June 21	22 3 8	33	Dep. & murd.	Weſtminſter
Henry IV	1367	1399 Sept. 29	13 5 21	46		Canterbury
Henry V	1389	1413 Mar. 20	9 5 11	33		Weſtminſter
Henry VI	1421	1422 Aug. 31	38 6 4	49	Dep. & murd.	Windſor
Edward IV	1442	1461 Mar. 4	22 1 5	41		Windſor
Edward V	1471	1483 April 9	0 2 15	12	Murder'd.	Not known
Richard III	1443	1483 June 22	2 2 0	42	Slain in Battle.	Leiceſter
Henry VII	1457	1485 Aug. 22	23 8 0	52		Weſtminſter
Henry VIII	1492	1509 April 22	37 9 6	55		Windſor
Edward VI	1537	1547 Jan. 28	6 5 9	15		Weſtminſter
Mary I	1516	1553 July 6	5 4 11	42	Died of Grief.	Weſtminſter
Elizabeth	1533	1558 Nov. 17	44 4 7	69		Weſtminſter
James I	1566	1603 Mar. 24	22 6 3	58		Weſtminſter
Charles I	1600	1625 Mar. 27	23 10 3	48	Murder'd by Villains.	Windſor
Charles II	1630	1649 Jan. 30	36 0 7	54		Weſtminſter
James II	1633	1685 Feb. 6	4 0 7	67	Abdicated.	St. Germain
Mary II	1662	1689 Feb. 13	5 10 15	32		Weſtminſter
William III	1650	1689 Feb. 13	13 0 23	52	Kill'd by a Fall from his Horſe.	Weſtminſter
Anne	1665	1702 Mar. 8	12 4 24	49		Weſtminſter
George I	1660	1714 Aug. 1	12 10 10	67		Hanover
George II	1683	1727 June 11	33 4 14	77		Weſtminſter
George III	1738	1760 Oct. 25	[illegible]			

All hail! Great GEORGE renowned Prince of Might,
Our King by Providence, and lawful Right,
Rome's fatal Foe, and Proteſtant's Delight,
May Peace and Plenty all your Days remain,
And *Neſtor*'s Years conclude your happy Reign.

A TABLE of the moſt Reverend, Right Reverend, and Reverend, the Biſhops and Deans, exerciſing Eccleſiaſtical Juriſdiction, 1770.

Biſhops	Sees	Date	Succeeded	Deans
H. Dr. F. Cornwallis Arch-Biſhop	Litch. & Cov.	1749	Smalbroke de.	
	Canterb. A. B.	1768	Secker deceaſ.	Dr. John Potter
H. Dr. R. Drummond Arch-Biſhop	*St. Aſaph*	1748	Liſle tranſl.	
	Saliſbury	1761	Thomas tranſl.	
	York A. B.	1761	Gilbert deceaſ.	Dr. J. Fountayne
Dr. Rich. Terrick	*Peterborough*	1757	Thomas tranſl.	
	London	1764	Oſbaldeſton de.	Rt. Rev. Dr. Thomas Newton.
Hon. Dr. R. Trevor	*St. David's*	1744	Willes tranſl.	
	Durham	1752	Butler deceaſed.	H. D. Spen. Cowper
Dr. John Thomas	*Peterborough*	1747	Clavering dec.	
	Saliſbury	1757	Gilbert tranſl.	
	Wincheſter	1761	Hoadley dec.	Rt. Rev. Dr. Jonathan Shipley.
Dr. Matt. Mawſon	*Landaff*	1738	Harris deceaſed	
	Chicheſter	1740	Hare deceaſed	
	Ely	1754	Gooch deceaſed	Dr. Hugh Thomas
Dr. Edward Willes	*St. David's*	1742	Clagget tranſl.	
	Bath & Wells	1743	Wynn deceaſed	Ld. Fr. Seymour
Lord J. Beauclerk	Hereford	1746	Egerton deceaſ.	Dr. Fran. Webber
Dr. Zachary Pearſe	*Bangor*	1747	Hutton tranſl.	
	Rocheſter	1756	Wilcox dec.	Dr. B Newcome
Dr. Edmund Keene	Cheſter	1752	Peploe deceaſed	Dr. Will. Smith
Dr. James Johnſon	*Glouceſter*	1752	Benſon deceaſ.	
	Worceſter	1759	Maddoxdeceaſ.	
Sir W. Aſhburnham	Chicheſter	1754	Mawſon tranſl.	Tho. Ball, M. A.
Dr. John Hume	*Briſtol*	1756	Conybeare dec.	
	Oxford	1758	Secker tr.	
	Saliſbury	1766	Thomas tr.	Dr. Tho. Green
Dr. John Egerton	Bangor	1756	Pearſe tranſ.	
	Litch. & Cov.	1768	Cornwallis tr.	Dr. J. Addenbrook
Dr. Philip Yonge	*Briſtol*	1758	Hume tranſlat.	
	Norwich	1761	Hayter tranſl.	Dr. Philip Lloyd
Dr. Will. Warburton	Glouceſter	1759	Johnſon tranſl.	Dr. Joſiah Tucker
Dr. John Ewer	Landaff	1761	Newcomb tran.	
	Bangor	1768	Egerton tranſ.	Dr. Thom. Lloyd
Dr. John Green	Lincoln	1761	Thomas tran.	Hon. John York
Dr. Thomas Newton	Briſtol	1761	Yonge tranſl.	Dr. Cutts Barton
Hon. Dr. Fred Keppel	Exeter	1762	Lavington dec.	Dr. Jer. Miles
Dr. Robert Lamb	Peterborough	1764	Terrick tranſl.	Dr. Ch. Tarrant
Dr. Robert Lowth	St. *David's*	1766	Squire deceaſ.	
	Oxford	1765	Hume tranſl.	Dr. W. Markham
Dr. Charles Moſs	St. David's	1766	Lowth tranſl.	J. Morgan B. D Pr.
Dr. — Law	Carliſle	1769	Lyttelton dec.	Dr. Tho. Wilſon
Dr. J. Shipley	St. Aſaph	1769	Newcome dec.	Dr. Will. Herring
Dr. S. Barrington	Landaff	1769	Shipley tranſ.	J. Fulham A. M.
	Weſtminſter	1768		Dr. John Thomas
Dr. Mark Hildeſley	Sodor & Man	1755	Wilſon deceaſ.	
	Windſor	1765	Rt. Rev.	Dr. Fred. Keppel.

The Names of the Learned Judges of the Law.

The Rt. Hon. Charles Lord *Camden*, Lord High Chancellor of *England*.

Rt. Hon. Sir *Thomas Sewell*, Knt. Maſter of the *Rolls*.

In the *King's Bench*.	The *Common Pleas*.	The *Exchequer*.
Rt. Hon. *William* Ld. *Mansfield*, L. C. J.	Rt. Hon. Sir *J. Eardly Wilmot*, Knt. L. C. J.	Sir *Thomas Parker*, Lord Chief Baron,
Sir *Joſeph Yates*,	Sir *Edward Clive*, Knt.	Sir *S. Stafford Smythe*,
Sir *Richard Aſton*.	Hon. *Hen. Bathurſt*. Eſq;	Sir *Rich. Adams*, Knts.
Edward Willes, Eſq;	Sir *Henry Gould*, Knt.	*George Perrott*, Eſq;

William de Grey, Eſq; Attorney-General.

John Dunning, Eſq; Solliciter-General.

A Table of Terms and their Returns.

Hilary Term begins *Jan.* 23, ends *Feb.* 12.

Returns or Eſſoign-days.		Exc.	Ret.	Ap	W. D.
In eight Days of St. *Hilary*,	*Jan.* 20	21	22	23	Tueſd.
From the Day of St. *Hilary* in 15 Days,	27	28	29	30	Tueſd.
On the Morrow of the Purif. Bleſſed *Mary*,	*Feb.* 3	4	5	6	Tueſd.
In eight Days of the Purif. of Bleſſed *Mary*,	9	10	11	12	Mond.

Eaſter Term begins *May* 2, ends *May* 28.

From the Day of Eaſter in 15 Days,	*April* 29	30	May 1	2	Wedn.
From the Day of Eaſter in 3 Weeks,	*May* 6	7	8	9	Wedn.
From the Day of Eaſter in 1 Month,	13	14	15	16	Wedn.
From the Day of Eaſter in 5 Weeks,	20	21	22	23	Wedn.
On the Morrow of the Aſcenſion,	25	26	27	28	Mond.

Trinity Term begins *June* 15, ends *July* 4.

On the Morrow of the Holy Trinity,	*June* 11	12	13	15	Friday
In eight Days of the Holy Trinity,	17	18	19	20	Wedn.
In 15 Days of the Holy Trinity,	24	25	26	27	Wedn.
In 3 Weeks of the Holy Trinity,	*July* 1	2	3	4	Wedn.

Michaelmas Term begins *Nov.* 6, ends *Nov.* 28.

On the Morrow of All Souls,	*Nov.* 3	4	5	6	Tueſd.
On the Morrow of St. Martin,	12	13	14	15	Thurſ.
In eight Days of St. Martin,	18	19	20	21	Wedn.
In 15 Days of St. Martin,	25	26	27	28	Wedn.

N. B. No Sittings in *Weſtminſter-Hall* on Aſcenſion-day, Midſummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note. The firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance.

January hath XXXI Days — White

The LUNATIONS. Apparent Time.

First Quarter the 5th Day, 2 Minutes after 1 in the Morning.
Full Moon the 11th Day, 59 Minutes past 4 at Night.
Last Quarter the 18th Day, 14 Minutes past 5 at Night.
New Moon the 26th Day, 45 Minutes after 10 at Night.

M D	Sundays & other remarkable Days	Sun rises.	Sun sets.	Dec. ☉ south.	Dec. ☽ South.	Moon sets.	Moon South.	Clock be. Sun
1	Circumcision	8 4	3 56	23 0	7 8	8A.55	3 A 14	4 15
2		8 4	3 56	22 54	2 24	10 5	3 59	4 44
3		8 2	3 57	22 48	2N29	11 16	4 42	5 12
4		8 2	3 58	22 42	7 32	Morn.	5 28	5 39
5	Old Christ. Div.	8 1	3 59	22 35	12 31	0 30	6 18	6 5
6	Epiphany.	8 0	4 0	22 28	16 18	1 46	7 10	6 31
7	1 Sun. after Epiph.	7 59	4 1	22 20	19 36	3 3	8 6	6 57
8	Plow Monday.	7 58	4 2	22 12	21 50	4 22	9 7	7 22
9		7 57	4 3	22 4	22 37	5 33	10 9	7 47
10		7 56	4 4	21 55	21 46	6 33	11 12	8 12
11		7 55	4 5	21 46	19 21	☽ rises.	Morn.	8 36
12	Old N. Years Day.	7 54	4 6	21 36	15 37	5A.40	0 13	8 59
13	Camb. Term beg.	Hilary	4 7	21 26	11 0	7 4	1 11	9 22
14	2 Sun. after Epiph.	7 52	4 8	21 15	6 17	8 26	2 5	9 44
15	Oxford Term beg.	7 51	4 9	21 4	0 31	9 44	2 54	10 5
16		7 50	4 10	20 53	4S.43	10 57	3 42	10 25
17	O. Twelfth Day.	7 49	4 11	20 41	9 24	Morn.	4 28	10 45
18	Q. Char. B. D. kep	7 48	4 12	20 29	13 36	0 9	5 15	11 4
19		7 46	4 14	20 16	17 7	1 19	5 58	11 23
20	Fabian B. & M.	7 45	4 15	20 3	19 51	2 25	6 43	11 41
21	3 Sun after Epiph.	Agnes	V. & M.	19 50	21 40	3 27	7 33	11 58
22		7 42	4 18	19 36	22 29	4 25	8 21	12 14
23	Term begins.	7 41	4 20	19 22	22 20	5 15	9 11	12 29
24		7 39	4 21	19 7	21 11	5 56	10 0	12 43
25	Conver. St. Paul	7 37	4 23	18 52	19 5	6 31	10 46	12 57
26		7 36	4 25	18 37	16 9	☽ sets.	11 32	13 10
27		7 34	4 26	18 22	12 32	5A.25	0A.19	13 23
28	4 Sun. after Epiph	7 32	4 28	18 6	8 6	6 36	1 4	13 35
29		7 30	4 30	17 50	3 39	7 45	1 48	13 46
30	K. Char. I. Mart.	7 28	4 32	17 34	1N13	8 57	2 32	13 56
31		7 27	4 33	17 17	6 5	10 9	3 18	14 4

D	Day increa.	Length of Day.	Heliac. Place ♄	Heliac. Place ♅	Heliac Place ♂	Heliac. Place ☉	Heliac. Place ☿	Heliac. Place ♀	Saturn rises.
1	0 8	7 52	28♋ 2	6♐ 48	0♐ 11	11♋ 14	22♍ 35	25♐ 55	5A.21
7	0 18	8 2	28 15	7 17	3 22	17 2	2♐ 8	13♍ 3	4 53
13	0 30	8 14	28 29	7 45	6 35	23 28	11 40	1♎ 38	4 24
19	0 44	8 28	28 42	8 13	9 50	29 34	21 11	22 38	sets.
25	1 2	8 46	28 58	8 42	13 7	5♌ 40	0♍ 41	17♎ 17	7M30

January 1770.

Day of Month	Daylig. begins.	Daylig. ends.	Dirat Twilig.	Node ☽ in ♈	Lat. ♄ North.	Lat. ♅ North.	Lat. ♂ South.	Lat. ☿ North.	Lat. ☉ South.
1	5 59	6 1	2 10	♓ 25	0 19	0 36	0 15	0 35	1 28
7	5 50	6 4	2 9	♓ 6	0 20	0 36	0 19	0 20	1 56
13	5 52	6 8	2 7	♒ 45	0 21	0 36	0 23	0 5	2 4
19	5 46	6 14	2 5	♒ 25	0 21	0 36	0 27	0 S.10	2 2
25	5 39	6 21	2 3	♒ 5	0 22	0 35	0 31	0 25	1 42

Day of Month	☉ d.	☉ m.	☉ s.	☽	☽ Lat.	♄ R	♅	♂	♃	♀	☿	☉
1	♑ 11	13	37	♉ 29	7 5N.	2	0 3	♑ 11	59	♑ 16	9	♑ 20	49	♑ 6	21
2	12	14	48	♊ 11	39 5	14	29	♋ 59	12	12	16	53	22	5	7	56
3	13	15	59	24	26 5	9	29	55	12	24	17	36	23	20	9	32
4	14	17	10	♈ 7	30 4	49	29	50	12	37	18	20	24	35	11	8
5	15	18	20	20	5	4	13	29	45	12	49	19	4	25	50	12	45
6	16	19	30	♉ 4	41 3	26	29	40	♑ 13	1	♑ 19	47	♑ 27	5	♑ 14	22
7	17	20	39	18	51 2	16	29	35	13	13	20	31	28	20	16	0
8	18	21	49	♊ 3	21 1	1	29	30	13	26	21	15	29	35	17	38
9	19	22	58	18	12 0S.	19	29	26	13	38	21	58	♑ 0	51	19	17
10	20	24	7	♋ 3	16 1	40	29	21	13	50	22	42	2	6	20	56
11	21	25	15	18	25 2	54	29	16	14	2	23	26	3	21	22	36
12	22	26	23	♌ 3	30 3	54	29	11	14	14	24	9	4	36	24	16
13	23	27	30	18	19 4	37	29	6	14	26	24	53	5	51	25	55
14	24	28	37	♍ 2	47 5	4	29	1	14	37	25	37	7	6	27	36
15	25	29	43	16	46 5	10	28	56	14	49	26	20	8	21	29	18
16	26	30	48	♎ 0	18 4	58	28	51	15	1	27	4	9	36	♒ 1	0
17	27	31	53	13	22 4	30	28	46	15	13	27	48	10	52	2	42
18	28	32	57	26	1 3	50	28	41	15	24	28	31	12	7	4	25
19	29	34	0	♏ 8	20 3	1	28	36	15	36	29	16	13	22	6	9
20	♒	35	3	20	25 2	4	28	31	15	47	♑ 0	V	14	37	7	53
G	1	36	5	2	18 1	3	28	26	15	58	0	44	15	53	9	37
22	2	37	6	14	5 0N.	1	28	21	16	9	1	28	17	8	11	21
23	3	38	6	25	51 1	4	28	16	16	21	2	13	18	23	13	6
24	4	39	5	♐ 7	40 2	4	28	11	16	32	2	57	19	38	14	50
25	5	40	3	19	33 3	0	28	6	16	43	3	41	20	53	16	34
26	6	41	0	♑ 1	34 3	43	28	2	16	54	4	2	22	8	18	18
27	7	41	56	13	47 4	26	27	57	17	5	5	10	23	23	20	1
G	8	42	52	26	10 4	52	27	52	17	16	5	54	24	38	21	44
29	9	43	47	♓	45 5	4	27	47	17	27	6	39	25	54	23	26
30	10	44	41	21	30 5	2	27	43	17	37	7	24	27	9	25	6
31	11	45	34	♈ 4	29 4	44	27	38	17	48	8	8	28	24	26	45

Day of Month	Jupiter rises.	Mars rises.	Venus rises	Mercu. rises.	Dec. ♄ North.	Dec. ♅ South.	Dec. ♂ South.	Dec. ♀ outh	Dec. ☿ South.
1	5M 49	6M 10	0M 32	7M 55	20 29	21 4	23 1	22 35	24 47
7	5 29	6 11	6 43	sets.	20 36	21 51	23 28	23 8	24 46
13	5 10	6 6	6 50	4A. 9	20 43	21 59	23 41	23 16	23 5
19	4 51	6 2	6 55	4 42	20 49	22 7	23 51	22 59	20 44
25	4 31	5 56	6 58	5 18	20 56	22 15	23 59	22 16	17 31

The LUNATIONS.

First Quarter the 3d Day, 50 Minutes after 11 in the Morning.
Full Moon the 10th Day, 57 Minutes after 3 in the Morning.
Last Quarter the 17th Day, 36 Minutes past Noon.
New Moon the 25th Day, 31 Minutes after 3 in the Afternoon.

Days D.	Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ North.	Moon sets	Moon South.	Clock bef. Sun
1		7 26	4 35	17 0	10 46	11A.24	4A. 6	14 11
2	Purif. B. V. Mary.	7 24	4 37	16 42	15 2	Morn.	4 56	14 18
3	Blase B. & M.	7 22	4 49	16 25	18 33	0 41	5 50	14 24
4	5 S. after Epiph.	7 20	4 40	16 17	21 6	1 56	6 47	14 29
5	Agatha V. & M.	7 18	4 42	15 49	22 22	3 7	7 47	14 34
6		7 16	4 44	15 30	22 9	4 12	8 47	14 38
7		7 14	4 46	15 11	20 26	5 3	9 43	14 43
8		7 12	4 48	14 52	17 22	5 45	10 46	14 44
9		7 11	4 49	14 33	13 10	6 17	11 42	14 45
10		7 10	4 51	14 14	8 15	♈ries.	Morn.	14 46
11	Septuag. Sund.	7 8	4 53	13 54	2 56	7A.10	0 35	14 46
12	Term ends.	7 6	4 55	13 34	2S.51	8 29	1 27	14 46
13	Old Candlemas D.	7 5	4 56	13 14	7 24	9 44	2 14	14 45
14	Valentine.	7 3	4 58	12 53	11 56	10 57	3 2	14 43
15		7 1	5 0	12 33	15 46	Morn.	3 49	14 40
16		6 59	5 2	12 12	18 49	0 5	4 37	14 36
17		6 57	5 4	11 51	20 57	1 11	5 26	14 31
18	Sexages. Sunday.	6 55	5 6	11 30	22 7	2 11	6 15	14 25
19		6 53	5 8	11 9	22 18	3 5	7 3	14 19
20		6 51	5 10	10 47	21 28	3 51	7 51	14 12
21		6 49	5 12	10 25	19 47	4 28	8 40	14 5
22		6 47	5 14	10 4	17 2	4 59	9 26	13 57
23		6 45	5 16	9 42	13 38	5 25	10 12	13 49
24	St. Matthias.	6 43	5 18	9 20	9 35	5 49	10 58	13 40
25	Shrove Sunday.	6 41	5 20	8 57	5 2	♉sets	11 53	13 30
26		6 39	5 22	8 35	0 13	6A.45	0A.30	13 19
27	Shrove Tuesday.	6 38	5 23	8 12	4N.42	7 59	1 17	13 8
28	Ash Wednesday.	6 36	5 25	7 50	9 31	9 14	2 4	12 56

Days	Day increas.	Length of Day.	Helioc. Place. ♄	Helioc. Place. ♃	Helioc. Place. ♂	Helioc. Place. ☉	Helioc. Place. ♀	Helioc. Place. ☿	Saturn sets.
1	1 25	9 9	29♋11	9♐16	16♈55	12♌46	11♈45	22♈18	7M
7	1 47	9 31	29 25	9 44	20 2	18 51	21 14	27♉48	6 3
13	2 8	9 52	29 38	10 13	23 44	24 55	0♍43	5♋31	6 1
19	2 31	10 15	29 51	10 41	27 10	0♍58	10 12	10♌41	5 4
25	2 55	10 39	0♌4	11 10	0♍37	7 0	19 41	10♍28	5 2

February 1770.

Days	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node ☽ in ♑	Lat. ♄ North.	Lat. ♅ North.	Lat. ♂ South.	Lat. ☿ South.	Lat. ♀ South.
1	5 30	6 30	2 0	11 41	0 23	0 35	0 36	0 41	0 48
7	5 21	6 29	1 59	11 21	0 23	0 35	0 40	0 53	0N.28
13	5 12	6 48	1 57	11 1	0 24	0 35	0 44	1 4	2 36
19	5 0	7 0	1 57	10 41	0 24	0 35	0 49	1 13	3 22
25	4 50	7 10	1 56	10 21	0 25	0 35	0 52	1 19	3 41

Days	☉ d.	☉ m.	☉ s.	☽ ☊	☽ Lat.	♄ ☋	♅	♃	♂	♀	☿	♇
1	12	46	25	17 41	4N11	27 33	17 58	8 53	29 39	28 23		
2	13	47	14	1♉ 6	3 24	27 28	18 8	9 37	0♒54	29 58		
3	14	48	2	14 46	2 24	27 24	18 29	10 22	2 9	1♓29		
4	15	48	49	28 42	1 15	27 19	18 29	11 7	3 25	2 56		
5	16	49	35	12♊55	0 S. 0	27 15	18 39	11 51	4 40	4 19		
6	17	50	19	27 23	1 17	27 10	18 49	12 36	5 55	5 38		
7	18	51	2	13♋ 3	2 30	27 6	18 58	13 21	7 10	6 53		
8	19	51	44	26 51	3 32	27 2	19 7	14 6	8 25	8 0		
9	20	52	24	11♌39	4 20	26 57	19 17	14 51	9 40	9 0		
10	21	53	3	26 19	4 51	26 53	19 26	15 36	10 55	9 52		
G	22	53	40	10♍43	5 2	26 49	19 35	16 20	12 11	10 36		
12	23	54	16	24 42	4 54	26 44	19 45	17 5	13 26	11 10		
13	24	54	50	8♎17	4 31	26 40	19 54	17 50	14 41	11 35		
14	25	55	23	21 24	3 53	26 36	20 3	18 35	15 56	11 49		
15	26	55	55	4♏ 7	3 4	26 32	20 12	19 20	17 11	11 57		
16	27	56	25	16 28	2 8	26 28	20 21	20 5	18 26	11♓48		
17	28	56	53	28 34	1 8	26 25	20 29	20 50	19 41	11 32		
G	29	57	19	10♐28	0 5	26 21	20 38	21 35	20 56	11 7		
19	♓	57	44	22 17	0N.57	26 17	20 46	22 20	22 11	10 33		
20	1	58	7	4♑ 4	1 57	26 14	20 54	23 5	23 26	9 51		
21	2	58	28	15 55	2 52	26 10	21 2	23 50	24 41	9 1		
22	3	58	48	27 55	3 40	26 7	21 10	24 36	25 56	8 6		
23	4	59	6	10♒ 6	4 18	26 3	21 17	25 21	27 11	7 7		
24	5	59	22	22 30	4 45	26 0	21 25	26 6	28 26	6 4		
G	6	59	36	5♓ 9	4 59	25 57	21 32	26 51	29 41	4 59		
26	7	59	48	18 2	4 58	25 54	21 40	27 36	0♓56	3 55		
27	8	59	58	1♈10	4 41	25 51	21 47	28 22	2 11	2 53		
28	10	0	7	14 29	4 9	25 49	21 55	29 7	3 26	1 54		

Days	Jupiter rises.	Mars rises	Venus rises.	Mercu. sets.	Dec. ♄ North.	Dec. ♅ South.	Dec. ♂ South.	Dec. ☿ South.	Dec. ♀ South.
1	4M 8	5M49	6M58	6A. 2	21 3	22 22	23 47	20 56	12 49
7	3 49	5 42	6 54	6 30	21 9	22 27	23 28	19 22	8 34
13	3 30	5 34	6 50	6 38	21 15	22 31	23 1	17 29	4 49
19	3 11	5 26	6 45	6 11	21 19	22 35	22 26	15 18	4 30
25	2 52	5 17	6 36	rises.	21 24	22 38	21 41	12 50	6 10

The LUNATIONS.

First Quarter the 4th Day, 22 Minutes past 8 at Night.
Full Moon the 11th Day, 43 Minutes after 3 in the Afternoon.
Last Quarter the 19th Day, 22 Minutes past 9 in the Morning.
New Moon the 27th Day, 28 Minutes past 5 in the Morning.

M D	Summary & other remarkable Days	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ North.	Moon sets.	Moon South.	Clock bef Sun.
1	Dav. d	6 34	5 27	7 27	13 53	10 A. 31	2 A. 54	12 44
2	Chad. B. Litch	6 32	5 29	7 4	17 36	11 47	3 48	12 32
3		6 30	5 31	6 42	20 20	Morn.	4 43	12 19
G	1 Sund. in Lent	6 28	5 33	6 18	21 55	1 0	5 41	12 6
5	Pra. Hele born	6 26	5 35	5 55	22 7	2 5	6 39	11 52
6		6 24	5 37	5 32	20 55	3 0	7 40	11 38
7	Ember Week	6 22	5 39	5 8	18 23	3 44	8 38	11 23
8		6 20	5 41	4 45	14 42	4 18	9 34	11 8
9		6 18	5 43	4 21	10 10	4 47	10 27	10 53
10		6 16	5 45	3 58	5 7	5 13	11 18	10 37
G	2 Sund. in Lent	6 14	5 47	3 34	0S 8	☽ rises.	Morn.	10 21
12	Greg. B. Rome	6 12	5 49	3 11	5 16	7 A. 23	0 7	10 5
13		6 10	5 51	2 47	9 49	8 38	0 56	9 48
14		6 8	5 53	2 24	14 10	9 51	1 44	9 31
15		6 6	5 55	2 0	17 33	10 59	2 33	9 13
16		6 4	5 57	1 36	20 5	Morn.	3 24	8 55
17	St. Patrick	6 2	5 59	1 13	21 33	0 3	4 12	8 37
G	3 Sund. in Lent	Edw. K	W. Sax	0 49	22 4	1 0	5 1	8 19
19		5 58	6 3	0 25	21 35	1 48	5 50	8 1
20		5 56	6 5	0N. 2	20 8	2 30	6 38	7 43
21	Benedict	5 54	6 7	0 22	17 49	3 5	7 26	7 24
22		5 52	6 9	0 46	14 42	3 33	8 13	7 5
23		5 50	6 11	1 10	10 55	3 58	8 59	6 46
24		5 48	6 13	1 32	6 36	4 19	9 44	6 28
G	Midlent Sunday	Lady.		1 57	1 51	4 40	10 29	6 9
26		5 44	6 17	2 20	3N. 3	5 1	11 15	5 50
27		5 43	6 18	2 44	7 57	☽ sets.	0 A. 5	5 31
28		5 41	6 20	3 7	12 31	8 A. 22	0 57	5 13
29		5 39	6 22	3 30	16 29	9 40	1 50	4 54
30		5 37	6 24	3 54	19 32	10 56	2 46	4 36
31		5 35	6 26	4 17	21 25	Morn.	3 44	4 17

Days	Day increase	Length of Day	Helioc. Place ♄	Helioc. Place ♃	Helioc. Place ♂	Helioc. Place ☊	Helioc. Place ♀	Helioc. Place ☿	Saturn sets.
1	3 9	10 53	0♌13	11♐29	2♍57	11♍ 0	26♎ 1	27♍22	5M 6
7	3 32	11 17	0 27	11 57	6 27	17 0	5♏32	29♎15	4 43
13	3 57	11 41	0 40	12 26	10 0	22 59	15 3	8♍17	4 21
19	4 21	12 5	0 53	12 55	13 35	28 57	24 34	25 38	3 59
25	4 45	12 29	1 6	13 24	17 11	4♎53	4♈ 6	12♐13	3 37

March 1770.

Day of Month	Daylight begins.	Daylight ends.	Durat. Twilig.	Node ♑ Jan ♑	Lat. ☿ North.	Lat. ♃ North.	Lat. ♂ South.	Lat. ♀ South	Lat. ♀ North.
1	4 4	7 17	1 5	10 8	0 25	0 35	0 50	1 23	3 11
7	4 30	7 30	1 56	9 48	0 25	0 35	1 0	1 25	1 57
13	4 17	7 43	1 57	9 29	0 26	0 35	1 3	1 26	0 32
19	4 4	7 56	1 58	9 10	0 26	0 35	1 7	1 25	0 S.40
25	3 50	8 10	2 0	8 51	0 26	0 35	1 11	1 21	1 35

Day of Month	☉ d.	☉ m.	☉ ♓	☾ ♈	☽ Lat.	♄ ℞	♅	♃	♂	♀	♀	☿ ℞	☿ ♓
1	11	0	13	27 59	3 N 21	25 45	22 2	29 52	4 41	1 0			
2	12	0	21	11 ♉ 35	2 24	25 43	22 9	0 ♒ 38	5 56	0 11			
3	13	0	25	25 25	1 15	25 41	22 16	1 23	7 11	29 ♒ 28			
4	14	0	26	9 ♊ 10	0 3	25 35	22 22	2 8	8 26	8 50			
5	15	0	25	23 23	1S. 11	25 36	22 29	2 53	9 40	28 8			
6	16	0	22	7 ♋ 30	2 21	25 33	22 35	3 39	10 55	27 54			
7	17	0	18	21 53	3 23	25 31	22 41	4 24	12 10	27 37			
8	18	0	11	6 ♌ 15	4 12	25 29	22 47	5 9	13 25	27 27			
9	19	0	2	20 37	4 45	25 27	22 52	5 55	14 39	27 23			
10	19	59	51	4 ♍ 52	5 0	25 26	22 58	6 40	15 54	27 D.25			
11	20	59	39	18 50	4 57	25 24	23 3	7 26	17 9	27 33			
12	21	59	26	2 ♎ 41	4 36	25 22	23 9	8 12	18 24	27 47			
13	22	59	10	16 6	4 0	25 21	23 14	8 58	19 38	28 6			
14	23	58	52	29 12	3 12	25 20	23 19	9 43	20 53	28 29			
15	24	58	31	11 ♏ 52	2 16	25 19	23 24	10 29	22 8	28 56			
16	25	58	8	24 13	1 14	25 17	23 28	11 15	23 23	29 28			
17	26	57	44	6 ♐ 19	0 11	25 16	23 32	12 0	24 37	0 ♓ 5			
18	27	57	18	18 13	0 52	25 15	23 37	12 46	25 52	0 47			
19	28	56	50	0 ♑ 5	1 53	25 14	23 41	13 32	27 6	1 34			
20	29	56	20	11 51	2 49	25 12	23 45	14 18	28 21	2 24			
21	♈	55	48	23 4	3 3	25 13	23 49	15 3	29 3	3 17			
22	1	55	13	5 ♒ 51	4 17	25 12	23 53	15 49	0 ♈ 50	4 12			
23	2	54	36	18 7	4 46	25 12	23 57	16 35	2 4	5 10			
24	3	53	57	0 ♓ 10	5 1	25 11	24 0	17 20	3 19	6 9			
25	4	53	16	13 33	5 2	25 11	24 3	18 6	4 33	7 11			
26	5	52	34	26 47	4 47	25 11	24 5	18 52	5 48	8 16			
27	6	51	49	10 ♈ 13	4 10	25 D11	24 8	19 38	7 3	9 24			
28	7	51	2	23 56	3 30	25 11	24 10	20 23	8 17	10 35			
29	8	50	13	7 ♉ 51	2 30	25 11	24 13	21 9	9 32	11 49			
30	9	49	22	21 55	1 21	25 11	24 15	21 55	10 46	13 5			
31	10	48	28	6 ♊ 2	0 6	25 12	24 17	22 41	12 1	14 22			

Day of Month	Jupiter rises.	Mars rises.	Venus rises.	Mercu. rises.	Dec. ☿ North.	Dec. ♃ South.	Dec. ♂ South.	Dec. ♀ South.	Dec. ♀ South.
1	2 M 39	5 M 11	6 M 31	5 M 56	21 26	22 40	21 7	11 6	8 10
7	2 22	5 1	6 23	5 34	21 29	22 42	20 10	8 19	10 29
13	2 1	4 51	6 14	5 23	21 31	22 44	19 3	5 26	11 25
19	1 41	4 40	6 4	5 14	21 32	22 45	17 51	2 27	11 33
25	1 21	4 29	5 53	5 5	21 33	22 46	16 33	0 N 31	10 22

The Lunations.

First Quarter the 30 Day, 26 Minutes past 3 in the Morning.
Full Moon the 1[illegible] Day, 27 Minutes after 4 in the Morning.
Last Quarter the 18th Day, 7 Minutes past 5 in the Morning.
New Moon the 25th Day, 42 Minutes after 4 in the Afternoon.

☉ ☽	Sunday and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ North.	Moon sets.	Moon South.	Clock bet. Sun
G	5 Sunday in Lent.	5 33	6 28	4 40	21 57	0M 5	4A.43	3 5[illegible]
2		5 31	6 30	5 3	21 3	1 3	5 42	3 41
3	Richard Bp.	5 29	6 32	5 26	18 51	1 50	6 42	3 23
4	St. Ambrose.	5 27	6 34	5 49	15 33	2 28	7 36	3 5
5	Old Lady Day.	5 25	6 36	6 12	11 12	2 58	8 28	2 4[illegible]
6	Camb. Term ends.	5 23	6 38	6 34	6 36	3 24	9 20	2 30
7	Oxf. Term ends.	5 21	6 40	6 57	1 33	3 47	10 8	2 12
G	Palm Sunday.	5 19	6 42	7 19	3 S.3[illegible]	4 9	10 56	1 54
9		5 17	6 44	7 42	8 14	4 30	11 45	1 37
10		5 15	6 46	8 4	12 50	☽ rises.	Morn.	1 20
11		5 13	6 48	8 26	16 16	8A.49	0 33	1 3
12	Maundy Thursd.	5 11	6 50	8 48	19 6	9 5[illegible]	1 22	0 47
13	Good Friday.	5 10	6 51	9 10	20 57	10 56	2 11	0 31
14		5 8	6 53	9 31	21 49	11 49	3 2	0 15
G	Easter Day.	5 6	6 55	9 53	21 40	Morn.	3 51	0a t. 1
16	Easter Monday.	5 4	6 57	10 14	20 32	0 34	4 39	0 1[illegible]
17	Easter Tuesday.	5 2	6 59	10 35	18 30	1 10	5 27	0 30
18		5 0	7 1	10 56	15 41	1 40	6 14	0 43
19	Alphage Bp.	4 58	7 3	11 17	12 13	2 7	6 58	0 57
20		4 56	7 5	11 37	8 6	2 28	7 43	1 1[illegible]
21		4 54	7 7	11 58	3 33	2 50	8 30	1 2[illegible]
G	Low Sunday.	4 52	7 9	12 18	1N.12	3 10	9 1[illegible]	1 3[illegible]
23	St. George.	4 51	7 10	12 38	6 5	3 31	10 5	1 49
24		4 49	7 12	12 58	10 47	3 53	10 52	2 [illegible]
25	St. Mark.	Oxf. & Cam. T. h		13 17	15 4	☽ sets.	11 45	2 1[illegible]
26		4 45	7 16	13 37	18 31	8A.42	0A.41	2 2[illegible]
27		4 43	7 18	13 56	20 52	9 58	1 41	2 3[illegible]
28		4 41	7 20	14 15	21 48	11 2	2 42	2 4[illegible]
G	2 Shaft Easter.	4 40	7 21	14 33	21 16	11 55	3 43	2 5[illegible]
30		4 38	7 23	14 52	19 20	Morn.	4 43	3 0

Days	Day increas.	Length of Day.	Helioc. Plac ♄	Helioc. Plac ♃	Helioc. Plac ♂	Helioc. Plac. ⊖	Helioc. Plac ♀	Helioc. Plac. ☿	Saturn sets.
1	5 11	12 55	1♌22	13♐57	21♑26	11♎48	15♈10	1♑36	3M1[illegible]
7	5 35	13 19	1 36	14 26	25 6	17 4[illegible]	24 51	19 8	2 59
13	5 58	13 42	1 49	14 55	28 48	23 34	4♉27	8♒24	2 28
19	6 21	14 5	2 2	15 23	2♒31	29 25	14 4	0♓30	2 7
25	6 43	14 27	2 1[illegible]	5 52	6 15	5♏1[illegible]	3 41	26 42	1 4[illegible]

April 1770.

Days	Daylig begins.	Dayl g. ends.	Durat. Twilig.	Node ☽ in ♐	Lat. ♄ North.	Lat. ♅ Nor h.	Lat. ♃ South.	Lat. ☿ South.	Lat. ♀ South.
1	3 33	8 27	2 3	8 29	0 27	0 35	1 15	1 13	2 15
7	3 17	8 43	2 8	8 10	0 27	0 35	1 18	1 4	2 30
13	3 2	8 58	2 11	7 51	0 27	0 35	1 22	0 55	2 28
19	2 47	9 13	2 15	7 34	0 28	0 35	1 25	0 44	2 6
25	2 26	9 34	2 25	7 14	0 28	0 35	1 27	0 31	1 26

Days	☉ d.	☉ m.	☉ s.	☽	☊	☽ Lat.	♄	♋	♅	♃	♂	♒	☿	♈	♀	♓
G	11	47	32	20	10	1 S. 9	25	12	24	19	23	27	13	15	15	41
2	12	46	35	4♋	19	2 21	25	13	24	21	24	13	14	29	17	3
3	13	45	36	18	26	3 23	25	13	24	22	24	59	15	44	18	23
4	14	44	35	2♌	31	4 13	25	14	24	23	25	45	16	58	19	46
5	15	43	31	16	31	4 48	25	14	24	24	26	30	18	12	21	1
6	16	42	25	0♍	27	5 5	25	15	24	25	27	16	19	27	22	38
7	17	41	16	14	15	5 5	25	16	24	26	28	2	20	41	24	7
G	18	40	6	27	53	4 47	25	17	24	26	28	48	21	56	25	38
9	19	38	54	11♎	16	4 14	25	19	24	27	29	34	23	10	27	11
10	20	37	41	24	28	3 27	25	21	24	27	0♓	19	24	24	28	45
11	21	36	26	7♏	12	2 31	25	23	24	R 27	1	5	25	39	0♈	21
12	22	35	9	19	45	1 29	25	25	24	27	1	51	26	53	1	58
13	23	33	49	2♐	1	0 23	25	27	24	26	2	37	28	7	3	36
14	24	32	27	14	6	0N.42	25	29	24	26	3	23	29	21	5	17
G	25	31	3	26	1	1 45	25	31	24	25	4	9	0♉	36	7	0
16	26	29	37	7♑	51	2 43	25	33	24	24	4	54	1	50	8	44
17	27	28	9	19	42	3 34	25	36	24	23	5	40	3	4	10	26
18	28	26	39	1♒	34	4 17	25	38	24	21	6	26	4	18	12	13
19	29	25	8	13	29	4 48	25	41	24	19	7	12	5	32	14	4
20	♉	23	35	25	56	5 7	25	44	24	17	7	58	6	47	15	54
21	1	22	0	8♓	34	5 12	25	46	24	15	8	43	8	1	17	46
G	2	20	23	21	31	5 1	25	49	24	13	9	29	9	15	19	40
23	3	18	45	4♈	52	4 34	25	52	24	10	10	15	10	29	21	35
24	4	17	4	18	35	3 50	25	55	24	8	11	0	11	42	23	32
25	5	15	22	2♉	39	2 52	25	58	24	6	11	46	12	56	25	31
26	6	13	38	16	59	1 42	26	1	24	3	12	32	14	10	27	31
27	7	11	52	1♊	29	0 24	26	5	24	0	13	17	15	24	29	32
28	8	10	4	16	3	0 S.56	26	8	23	57	14	3	16	38	1♉	36
G	9	8	14	0♋	35	2 12	26	11	23	53	14	49	17	52	3	41
30	10	6	23	15	2	3 19	26	15	23	50	15	34	19	6	5	48

Days	Jupiter rises.	Mars rises.	Venus sets	Mercu rises.	Dec. ♄ North.	Dec. ♅ South.	Dec. ♂ South.	Dec. ☿ North.	Dec. ♀ South.
1	0M 57	4M 16	6A.34	5M 3	21 34	22 47	14 54	4 4	7 44
7	0 35	4 3	6 55	4 57	21 33	22 47	13 24	7 5	4 38
13	0 13	3 50	7 16	4 51	21 31	22 47	11 51	9 58	0 50
19	11A.47	3 37	7 36	4 44	21 30	22 47	10 12	12 42	3N.30
25	11 24	3 25	7 57	4 37	21 27	22 46	8 30	15 16	8 33

May hath XXXI Days. White.

The Lunations.

First Quarter the 2d Day, 35 Minutes after 9 in the Morning.
Full Moon the 9th Day, 25 Minutes past 6 in the Afternoon.
Last Quarter the 17th Day, 13 Minutes after 10 at Night.
New Moon the 25th Day, 31 Minutes past 1 in the Morning.
First Quarter the 31st Day, 8 Minutes past 4 in the Afternoon.

M. D.	Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ North.	Moon sets.	Moon South.	Clock aft. Sun
1	St. Phil. & James	4 36	7 25	15 10	16 14	0 M 36	5 A. 38	3 8
2	Term begins.	4 34	7 27	15 28	12 13	1 8	6 31	3 16
3	Inv. of the Cross.	4 33	7 28	15 46	7 46	1 34	7 23	3 23
4		4 31	7 30	16 3	2 41	1 58	8 10	3 29
5		4 30	7 31	16 20	2 S 17	2 19	8 57	3 35
G	3d S. aft. Easter.	St. John	A.P.L.	16 37	7 1	2 39	9 45	3 40
7		4 26	7 35	16 54	11 27	3 1	10 31	3 45
8		4 25	7 36	17 10	15 15	3 26	11 18	3 49
9		4 23	7 38	17 26	18 17	☽ rises	Morn.	3 53
10		4 22	7 39	17 42	20 26	8 A. 48	0 9	3 56
11		4 20	7 41	17 58	21 35	9 46	0 58	3 58
12	Old May Day.	4 19	7 42	18 13	21 43	10 33	1 47	4 0
G	4th S. af. Easter.	4 17	7 44	18 28	20 54	11 13	2 39	4 1
14		4 16	7 45	18 42	19 8	11 45	3 24	4 2
15		4 14	7 47	18 56	16 33	Morn.	4 10	4 2
16		4 12	7 48	19 10	13 17	0 12	4 56	4 2
17		4 11	7 50	19 24	9 27	0 34	5 42	4 1
18		4 10	7 51	19 37	5 6	0 55	6 25	4 0
19	Q Charlotte brn	Dunst.	7 53	19 50	0 32	1 16	7 7	3 58
G	Rogat. Sunday.	4 6	7 54	20 3	4 N. 14	1 37	7 53	3 55
21		4 5	7 55	20 16	8 56	1 57	8 41	3 51
22		4 3	7 57	20 28	13 23	2 20	9 32	3 47
23		4 2	7 58	20 39	17 12	2 48	10 27	3 43
24	Holy Thursday.	4 1	7 59	20 50	20 3	3 25	11 24	3 38
25		4 0	8 0	21 1	21 38	☽ sets.	0 A. 26	3 33
26		3 59	8 1	21 11	21 37	9 A. 46	1 30	3 27
G	6th S. aft. Easter.	Ven. Bede Pres.		21 21	20 6	10 32	2 32	3 21
28	Term ends.	3 57	8 3	21 31	17 13	11 8	3 31	3 14
29	K. Ch. II Rest.	3 56	8 4	21 40	13 18	11 37	4 26	3 7
30		3 55	8 5	21 49	8 33	Morn.	5 19	2 59
31	Oxf. Term ends.	3 54	8 6	21 58	3 46	0 3	6 9	2 51

Days	Day increa.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ⊖	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn sets.
1	7 5	14 49	2 ♌ 29	16 ♐ 21	10 ♒ 0	11 ♏ 5	3 ♊ 20	28 ♈ 5	1 M 25
7	7 24	15 8	2 42	16 50	13 46	16 53	13 0	4 ♊ 14	1 2
13	7 43	15 27	2 55	17 19	17 33	22 40	22 41	11 ♋ 52	0 41
19	8 0	15 44	3 9	17 48	21 20	28 26	2 ♋ 23	16 ♌ 13	0 18
25	8 16	16 0	3 22	18 17	25 8	4 ♐ 12	12 6	15 ♍ 2	11 A. 52

May 1770.

Day of the Month	Dying begins.	Dayl g. ends.	Durat. Twilig.	Node ☽ in ♈	Lat. ♄ North.	Lat. ♄ Nor h	Lat. ♃ South.	Lat. ♃ South	Lat. ☾ South	Lat. ☾ South
1	2 [illegible]	9 57	2 37	6 5	0 28	0 3	1 30	0 47	0 13	
	1 44	10 19	2 48	6 37	0 28	0 3	1 32	0 2	0N.13	
13	1 19	0 45	3 5	6 25	0 29	0 34	1 34	0N.13	1 21	
19	0 48	1 20	3 22	6 1	0 29	0 34	1 35	♉ 27	2 7	
25	NoNig.	NoNig.	NoNig.	5 43	0 29	0 34	1 36	0 22	2 21	

Day of the Month	☉ d.	☉ m.	☉ i.	☽	☽	☽ Lat	♄	♃	♅ ♇	♂	☿	♀	♀
1	11	4	30	29 ♈ 17		4 S. 13	26	18	23 46	16	2	20	20	7	5
2	12	2	35	13♌23		4 51	26	22	23 43	17	6	21	34	10	4
3	13	0	39	27 14		5 19	26	26	23 39	17	51	22	48	12	13
4	13	58	40	10♍ 4		5 14	26	30	23 3	18	37	24	2	14	23
5	14	56	40	24 21		4 59	26	34	23 31	19	21	25	15	16	31
6	15	54	38	7♎33		4 28	26	38	23 26	20	♉	26	29	18	44
7	16	52	35	20 32		3 46	26	42	23 21	20	53	27	43	20	56
8	17	50	30	3♏17		2 56	26	46	23 16	21	39	28	57	23	6
9	18	48	24	15 48		1 48	26	51	23 11	22	24	☊	11	25	15
10	19	46	17	28 7		0 42	26	55	23 6	23	10	1	24	27	23
11	20	44	8	10♐16		0N.26	27	0	23 1	23	55	2	38	29	30
12	21	41	57	22 14		1 31	27	4	22 55	24	41	3	52	1♊	35
13	22	39	45	4♑ 8		2 31	27	9	22 50	25	26	5	5	3	39
14	23	37	32	15 56		3 25	27	14	22 44	26	11	6	19	5	41
15	24	35	17	27 47		4 11	27	19	22 39	26	5	7	32	7	41
16	25	33	1	9♒41		4 47	27	24	22 33	27	47	8	46	9	39
17	26	30	43	21 44		5 8	27	29	22 27	28	27	9	59	11	35
18	27	28	24	4♓ 1		5 17	27	34	22 21	29	13	11	13	13	28
19	28	26	3	16 36		5 12	27	39	22 14	29	57	12	27	15	18
20	29	23	41	29 22		4 51	27	44	22 8	♉	42	13	41	17	5
21	♊	21	18	12♈52		4 13	27	49	22 1	1	27	14	54	18	49
22	1	18	54	26 40		3 20	27	55	21 54	2	12	16	8	20	30
23	2	16	29	10♉53		2 14	28	0	21 47	2	57	17	21	22	9
24	3	14	2	25 27		0 57	28	5	21 41	3	41	18	31	23	45
25	4	11	34	10♊18		0S.23	28	11	21 34	4	27	19	48	25	18
26	5	9	5	25 16		1 46	28	17	21 27	5	12	21	2	26	47
G	6	6	35	10♋14		3 0	28	23	21 20	5	57	22	15	28	13
28	7	4	4	25 4		4 1	28	28	21 12	6	41	23	28	29	35
29	8	1	32	9♌38		4 46	28	34	21 5	7	26	24	42	0♋	54
30	8	58	59	23 54		5 11	28	40	20 58	8	11	25	55	2	9
31	9	56	25	7♍47		5 18	28	46	20 51	8	55	27	8	3	21

Day of the Month	Jupiter rises.	Mars rises.	Venus sets	Mercu rises.	Dec. ☽ North.	Dec. ☿ South.	Dec ♂ South.	Dec. ♀ North.	Dec ☊ North.
1	11A. 0	3M 8	8A.18	4M32	21 23	22 45	6 47	17 36	13 41
7	10 35	2 52	8 38	sets.	21 18	22 44	5 31	19 39	18 32
13	10 9	2 37	8 56	8A.55	21 14	22 43	3 15	21 24	22 21
19	9 42	2 21	9 13	9 38	21 8	22 41	1 28	22 47	24 4
25	9 15	2 5	9 28	10 4	21 2	22 35	0N.18	23 47	25 35

The LUNATIONS.

Full Moon the 8th Day, 9 Minutes after 9 in the Morning.
Last Quarter the 16th Day, 6 Minutes past Noon.
New Moon the 23d Day, 25 Minutes past 8 in the Morning.
First Quarter the 29th Day, 21 Minutes after Midnight.

M. D.	Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ South.	Moon sets	Moon South.	Clock aft. Sun
1	Nicomede M.	3 53	8 7	22 6	1 13	cM25	6A.55	2 43
2		3 52	8 8	22 14	6 2	0 45	7 42	2 34
3	White-Sunday.	3 51	8 9	22 22	10 30	1 5	8 28	2 25
4	White-Monday.	K. Geo. K. Thom.		22 29	14 24	1 29	9 15	2 15
5	White-Tuesday.	3 50	8 10	22 36	17 36	1 55	10 3	2 5
6	Ember Week.	3 49	8 11	22 42	19 58	2 26	10 52	1 54
7		3 48	8 12	22 48	21 23	3 2	11 41	1 43
8		3 48	8 12	22 53	21 48	☽rises.	Morn.	1 32
9		3 47	8 13	22 58	22 13	9A. 8	0 30	1 21
10	Trinity Sunday.	Fr. Amelia b.		23 3	19 43	9 43	1 18	1 9
11	St. Barnabas.	3 47	8 13	23 7	17 22	10 12	2 4	0 57
12		3 46	8 14	23 11	14 18	10 36	2 50	0 45
13	Ctf. Term beg.	3 46	8 14	23 15	10 36	10 58	3 33	0 33
14	Corpus Christi.	3 45	8 15	23 18	6 27	11 16	4 16	0 21
15	Term begins.	3 45	8 15	23 21	2 2	11 35	4 59	0 9
16		3 44	8 16	23 23	2N.38	11 56	5 43	Obef.4
17	1st Sun. af. Trin.	St. Alban	Mart.	23 25	7 15	Morn.	6 29	0 17
18		3 43	8 17	23 26	11 41	0 16	7 16	0 29
19		3 43	8 17	23 27	15 41	0 42	8 6	0 42
20	Yr. Edw. K. W. S.	3 43	8 17	23 28	18 57	1 14	9 1	0 55
21	Longest Day.	3 43	8 17	23 28	21 5	1 54	10 0	1 8
22		3 43	8 17	23 28	22 48	2 47	11 3	1 21
23		3 43	8 17	23 27	23 57	☽sets.	0A. 8	1 33
24	2d Sun. af. Trin.	St. John Bapt.		23 26	18 33	8A.59	1 10	1 46
25		3 44	8 16	23 25	14 55	9 33	2 9	1 59
26		3 44	8 16	23 23	10 25	10 0	3 4	2 12
27		3 44	8 16	23 21	5 23	10 23	3 57	2 25
28		3 45	8 15	23 18	0 18	10 45	4 47	2 37
29	St. Peter & Paul.	3 45	8 15	23 15	4S.48	11 7	5 35	2 49
30		3 46	8 14	23 11	9 25	11 29	6 21	3 1

Days	Day increas.	Length of Day.	Helioc. Plac. ☽	Helioc. Plac. ☿	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ♃	Saturn sets.
1	8 30	16 14	3♌37	18♐50	29♒15	10♐54	23♋28	12♎27	11A.26
7	8 39	16 23	3 50	19 19	3♓23	16 38	28 13	18♏17	11 4
13	8 45	16 29	4 4	19 48	7 11	22 22	1♌ 58	20 5	10 41
19	8 49	16 33	4 17	20 17	10 59	28 5	7♌ 41	21♐49	10 17
25	odec. 2	16 32	4 30	20 46	14 47	3♑48	13♌23	23 19	9 54

Days	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node ☊ in ♈	Lat. ♄ North.	Lat. ♅ North.	Lat. ♂ South.	Lat. ♀ North.	Lat. ☿ North.
1				5 21	0 29	0 33	1 37	0 57	1 49
7	All Day Light.	All Day Light.	All Day Light.	5 3	0 30	0 32	1 38	1 9	0 56
13				4 45	0 30	0 31	1 38	1 19	0 S. 21
19				4 27	0 31	0 30	1 37	1 28	1 56
25				4 9	0 31	0 30	1 36	1 34	3 29

Days	☉ d.	☉ m.	☉ ♈	☽ ☌	☽ Lat	♄	♉	♅ ℞	♃	♈	♀	♊	☿	♉
1	10	53	49	21 21	5 S. 6	28	52	20 43	9	40	28	22	4	30
2	11	51	13	4♋33	4 38	28	59	20 34	10	24	29	35	5	36
3	12	48	36	17 31	3 57	29	5	20 28	11	8	0♉48		6	39
4	13	45	58	0♌11	3 5	29	11	20 21	11	53	2	2	7	38
5	14	43	20	12 38	2 5	29	17	20 13	12	37	3	15	8	33
6	15	40	41	24 54	1 0	29	23	20 6	13	21	4	28	9	25
7	16	38	2	7♎59	0N. 6	29	29	19 58	4	6	5	41	10	12
8	17	35	21	8 54	1 12	29	35	19 51	14	50	6	54	10	56
9	18	32	40	0♑46	2 15	29	42	19 4	15	34	8	8	11	35
10	19	29	58	12 29	3 11	29	48	19 36	16	18	9	21	12	10
11	20	27	15	24 30	3 58	29	54	19 28	17	2	10	34	12	41
12	21	24	31	6♒2	4 36	0♌ 1		19 20	17	46	11	47	13	8
13	22	21	47	18 18	5 2	0	8	19 12	18	30	13	0	13	31
14	23	19	2	0♓22	5 15	0	15	19 4	19	13	14	13	13	50
15	24	16	27	12 38	5 14	0	21	18 56	19	57	15	26	14	4
16	25	13	31	25 11	4 58	0	28	18 48	20	41	16	39	14	14
17	26	10	45	8♈2	4 27	0	35	18 41	21	24	17	52	14	18
18	27	7	59	21 17	3 41	0	42	18 34	22	8	19	5	14	19
19	28	5	12	4♉58	2 42	0	49	18 26	22	52	20	18	14 ℞	17
20	29	2	25	19 8	1 30	0	56	18 18	23	35	21	31	14	10
21	29	59	37	3♊42	0 11	1	3	18 11	24	18	22	44	13	57
22	♋	56	49	18 40	1 S. 11	1	10	18 4	25	2	23	57	13	39
23	1	54	1	4♋2	2 28	1	17	17 57	25	45	25	10	13	17
24	2	51	12	19 9	3 36	1	24	17 49	26	28	26	23	12	52
25	3	48	23	4♌15	4 28	1	31	17 42	27	11	27	36	12	22
26	4	45	34	19 2	5 0	1	38	17 35	27	54	28	49	11	50
27	5	42	45	3♍37	5 13	1	46	17 28	28	36	0♌	2	11	17
28	6	39	56	17 43	5 6	1	53	17 21	29	19	1	15	10	43
29	7	37	7	1♎18	4 42	2	0	17 14	0♉	2	2	27	9	7
30	8	34	18	14 29	4 3	2	7	17 8	0	44	3	40	9	30

Days	Jupiter rises.	Mars rises	Venus sets.	Mercu. sets.	Dec. ♄ North.	Dec. ♅ South.	Dec. ♂ North.	Dec. ♀ North.	Dec. ☿ North.
1	8 A. 42	1 M. 45	9 A. 41	10 A. 10	20 53	22 30	2 21	24 25	25 13
7	8 15	1 28	9 50	10 —	20 47	22 34	4 4	24 31	24 1
13	sets.	1 11	9 54	9 38	20 39	22 38	5 46	24 9	22 27
19	3 M. 19	0 54	9 55	9 —	20 31	22 39	7 23	23 24	20 48
25	2 52	0 37	9 53	8 24	20 22	22 25	8 59	22 13	19 17

July hath XXXI Days. White.

The Lunations.

Full Moon the 7th Day, 0 Minutes after Midnight.
Last Quarter the 15th Day, 58 Minutes past 10 at Night.
New Moon the 22d Day, 24 Minutes past 3 in the Afternoon.
First Quarter the 29th Day, 26 Minutes after 11 in the Morning.

M. D.	Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ South.	Moon sets.	Moon South.	Clock bef. Sun.
G	3d Sun. aft. Trin.	3 46	8 14	23 8	13 30	11A.53	7A. 8	3 13
2	Visit. B.V. Mary.	3 46	8 14	23 3	16 53	Morn.	7 57	3 21
3	Camb. Commence.	3 47	8 13	22 58	19 27	0 22	8 45	3 36
4	Term ends.	3 48	8 12	22 53	21 6	0 58	9 32	3 47
5	Old Midf. Day.	3 48	8 12	22 48	21 46	1 38	10 21	3 57
6	Camb. Term ends.	3 49	8 11	22 42	21 27	2 27	11 9	4 7
7	Thomas à Becket.	3 50	8 10	22 36	20 21	☽ rises.	11 57	4 17
8	4th Sun. aft. Trin.	3 50	8 10	22 29	18 3	8A.11	Morn.	4 26
9	Oxford Act.	3 51	8 9	22 22	15 9	8 37	0 43	4 35
10		3 52	8 8	22 14	11 40	8 58	1 28	4 44
11		3 53	8 7	22 7	7 38	9 18	2 11	4 52
12		3 54	8 6	21 58	3 17	9 38	2 54	5 1
13		3 55	8 5	21 50	1N.15	9 57	3. 36	5 9
14	Oxf. Term ends.	3 56	8 4	21 41	5 50	10 17	4 20	5 16
G	5th Sun. aft. Trin.	Swith. B. Win.		21 31	10 15	10 40	5 5	5 22
16		3 58	8 2	21 22	14 19	11 7	5 52	5 28
17		3 59	8 1	21 12	17 45	11 41	6 43	5 33
18		4 0	8 0	21 1	20 17	Morn.	7 39	5 38
19		4 1	7 59	20 50	21 37	0 26	8 38	5 42
20	Margaret V. & M.	4 [illegible]	7 57	20 39	21 28	1 24	9 39	5 46
21		4 4	7 56	20 28	19 49	2 35	10 42	5 49
G	6th Sun. aft. Trin.	Q Denmark ♄		St. Mary Magd.		☽ sets	11 44	5 52
23		4 7	7 53	20 4	12 30	7A.55	0A.45	5 54
24		4 8	7 52	19 51	7 34	8 23	1 41	5 56
25	St. James.	4 10	7 50	19 38	2 17	8 46	2 34	5 57
26	St. Anne. Mother	4 11	7 49	19 25	2S. 57	9 9	3 24	5 57
27	to the B.V. Mary.	4 13	7 47	19 12	7 51	9 31	4 13	5 57
28		4 14	7 46	18 58	12 14	9 56	5 1	5 57
G	7th Sun. aft. Trin.	4 15	7 45	18 44	15 52	10 24	5 49	5 56
30	Dog-days begin.	4 17	7 43	18 29	18 42	10 56	6 38	5 54
31		4 18	7 42	18 15	20 38	11 35	7 27	5 52

Days	Day decreas.	Length of Day.	Helioc. Pla. ♄	Helioc. Pla. ♃	Helioc. Pla. ♂	Helioc. Pla. ☉	Helioc. Pla. ♀	Helioc. Pla. ☿	Saturn sets.
1	0 6	16 28	4♌44	21♐15	18♓34	9♑31	12♍13	10♑18	9A.31
7	0 13	16 21	4 57	21 44	22 20	15 15	21 57	28 36	9 9
13	0 24	16 10	5 10	22 13	26 6	20 58	1♎40	19♒ 9	8. 46
19	0 37	15 57	5 23	22 42	29 51	26 4	11 22	13♓ 9	8 24
25	0 53	15 41	5 37	23 12	3♒34	2♒25	21 2	11♈52	8 2

July 1770.

Days	Daylig. begins.	Daylig ends.	Durat. Twilig.	Node ☽ in ♑	Lat. ☿ North.	Lat. ♃ North.	Lat. ♂ South.	Lat. ♀ North.	Lat. ♀ South.
1	All	All	All	3 51	0 31	0 29	1 35	1 37	4 33
7	Day	Day	Day	3 33	0 31	0 28	1 33	1 39	4 46
13	Light.	Light.	Light.	3 15	0 32	0 27	1 31	1 38	4 6
19				2 57	0 32	0 26	1 29	1 34	2 51
25	0 45	11 7	3 20	2 39	0 33	0 25	1 25	1 27	1 23

Days	☉ d.	☉ m.	☉ s.	☽	☽	☽ Lat.	♄	☊	♅ ℞	♅ ♐	♂	♉	☿	☊	♀	♓ ℞
G	9	31	28	27	18	3 S. 13	2	1	17	1	1	27				
2	10	28	39	♍	18	2 15	2	22	16	54	2	9	4	53	8	54
3	11	25	50	22	3	1 12	2	29	16	48	2	51	6	6	8	17
4	12	23	1	♐	7	0 7	2	37	16	42	3	34	7	19	7	42
5	13	20	12	16	4	0 N. 8	2	44	16	36	4	16	8	31	7	10
													9	44	6	40
6	14	17	23	27	55	2 0	2	51	16	30	4	58	10	57	6	12
7	15	14	34	♑	44	2 56	3	0	16	24	5	40	12	9	5	48
G	16	11	45	21	34	3 45	3	7	16	18	6	21	13	22	5	28
9	17	8	57	♒	25	4 24	3	15	16	13	7	3	14	35	5	12
10	18	6	9	15	21	4 51	3	22	16	7	7	44	15	47	5	0
11	19	3	22	27	23	5 6	3	30	16	1	8	26	17	0	4	53
12	20	0	35	♓	32	5 8	3	37	15	56	9	7	18	12	4D.	54
13	20	57	48	21	52	4 55	3	45	15	51	9	49	19	24	4	58
14	21	55	2	♈	25	4 28	3	53	15	46	10	30	20	37	5	6
G	22	52	16	17	15	3 47	4	1	15	42	11	11	21	49	5	22
16	23	49	31	♉	24	2 54	4	8	15	37	11	52	23	1	5	43
17	24	46	46	13	56	1 49	4	16	15	32	12	33	24	13	6	9
18	25	44	2	27	52	0 36	4	23	15	28	13	14	25	25	6	41
19	26	41	18	♊	18	0 S. 41	4	31	15	24	13	55	26	37	7	18
20	27	38	35	17	4	1 58	4	39	15	20	14	3	27	49	8	2
21	28	35	53	♋	11	3 7	4	46	15	10	15	15	29	1	8	52
G	29	33	11	27	28	4 4	4	54	15	13	15	55	♍	13	5	46
23	♌	30	30	12	44	4 44	5	1	15	9	16	36	1	25	10	46
24	1	27	49	27	47	5 3	5	9	15	6	17	16	2	37	12	51
25	2	25	0	♍	27	5 2	5	17	15	2	17	56	3	49	13	1
26	3	22	30	20	43	4 41	5	25	14	59	18	35	5	1	14	16
27	4	19	52	♎	25	4 5	5	33	14	56	19	15	6	13	15	37
28	5	17	15	23	40	3 17	5	41	14	54	19	54	7	15	17	3
G	6	14	38	♏	28	2 20	5	48	14	52	20	33	8	36	18	33
30	7	12	2	18	56	1 18	5	56	14	49	21	13	9	48	20	8
31	8	9	27	♐	6	0 14	6	4	14	47	21	52	11	0	21	47

Days	Jupiter sets.	Mars rises.	Venus sets.	Mercu. rises.	Dec. ☽ North.	Dec. ♃ South.	Dec. ♂ North.	Dec. ☿ North.	Dec. ♀ North.
1	2 M. 34	0 M. 20	9 A. 47	4 M. 15	20 1	22 22	10 31	10 39	18 39
7	1 57	0 3	9 41	3 36	20 1	22 19	11 55	18 46	18 30
13	1 30	0 A. 44	9 32	3 4	19 52	22 17	13 21	16 35	19 17
19	1 4	11 29	9 21	2 34	19 41	22 15	14 48	14 8	20 26
25	0 39	11 15	9 10	2 36	19 31	22 13	15 50	11 29	21 29

The LUNATIONS.

Full Moon the 6th Day, 13 Minutes past 3 in the Afternoon.
Last Quarter the 14th Day, 58 Minutes after 7 in the Morning.
New Moon the 20th Day, 47 Minutes past 10 at Night.
First Quarter the 28th Day, 21 Minutes after 2 in the Morning.

M. D.	Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ South.	Moon sets.	Moon South	Clock bef. Sun
1	Lammas Day.	4 20	7 40	18 0	21 33	Morn.	8A.17	5 49
2		4 21	7 39	17 44	21 31	0 22	9 5	5 45
3		4 23	7 37	17 29	20 31	1 15	9 53	5 41
4		4 24	7 36	17 13	18 39	2 14	10 40	5 36
S	8th Sun. af. Trin.	4 25	7 34	16 56	15 58	3 16	11 25	5 30
6	Transfiguration.	4 27	7 32	16 40	12 37	☽ rises	Morn.	5 23
7		4 28	7 31	16 23	8 45	7A.24	0 9	5 16
8		4 30	7 29	16 6	4 28	7 44	0 52	5 9
9		4 31	7 28	15 49	ON. 2	8 4	1 36	5 1
10	St. Laurence M.	4 33	7 26	15 32	4 35	8 25	2 19	4 53
11	Pr. Brunsw. born.	4 35	7 24	15 14	9 2	8 46	3 4	4 44
G	9th Sun. af. Trin.	Pr. Wales born.		Old Lam. Day		9 12	3 51	4 35
13		4 38	7 21	14 38	16 40	9 44	4 40	4 25
14		4 40	7 19	14 19	19 25	10 24	5 32	4 15
15	Assump. B. V. M.	4 42	7 17	14 0	21 8	11 13	6 28	4 4
16	Pr. Fred. born.	4 44	7 15	13 41	21 31	Morn.	7 27	3 52
17		4 45	7 14	13 22	20 41	0 16	8 27	3 39
18		4 47	7 12	13 3	18 7	1 30	9 28	3 26
G	10th Sun. af. Trin.	4 49	7 10	12 43	14 28	2 52	10 27	3 12
20		4 51	7 8	12 24	9 53	☽ sets	11 25	2 58
21	Pr. Will. Hen. bo.	4 53	7 6	12 4	4 43	6A 50	0A.22	2 44
22		4 54	7 5	11 43	0S.27	7 14	1 16	2 29
23		4 56	7 3	11 23	5 46	7 37	2 6	2 14
24	St. Bartholomew	4 58	7 1	11 3	10 27	8 3	2 56	1 59
25		5 0	6 59	10 42	14 28	8 30	3 47	1 43
G	11th Sun. af. Trin.	5 2	6 57	10 21	17 38	9 2	4 37	1 27
27		5 4	6 55	10 0	19 53	9 39	5 27	1 10
28	St. Augustine.	5 6	6 53	9 39	21 8	10 24	6 16	0 53
29	Decol. St. J. Bapt.	5 8	6 51	9 17	21 24	11 15	7 5	0 36
30		5 10	6 49	8 56	20 42	Morn.	7 54	0 18
31		5 12	6 47	8 34	19 4	0 11	8 41	0 0

Day of the Month	Day decreas.	Length of Day.	Heliac Pla. ♄	Heliac Pla. ♃	Heliac Pla. ♂	Heliac Pla. ☉	Heliac Pla. ♀	Heliac Pla. ☿	Saturn rises.
1	1 14	15 20	5♌52	23♐46	7♍53	9♌ 7	28♍17	22♈ 0	4M 0
7	1 32	15 2	6 5	24 15	11 35	14 52	21 52	29♊42	3 47
13	1 52	14 42	6 19	24 44	15 21	20 38	28	5♋32	3 23
19	2 14	14 20	6 32	25 13	18 48	26 24	1♐ 2	11♋12	3 5
25	2 35	13 59	6 45	25 43	22 24	2♍11	10 34	17♌31	2 47

August 1770.

Days	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node ☽ in ♈	Lat. ♄ North.	Lat. ☿ North	Lat. ♂ South.	Lat. ♀ North.	Lat ☿ North.
1	1 23	10 34	2 58	2 18	0 34	0 23	1 22	1 1[illegible]	0 [illegible]
7	1 47	10 13	2 46	2 0	0 34	0 22	1 18	1 2	1 12
13	2 9	9 51	2 34	1 42	0 3[illegible]	0 21	1 1[illegible]	0 47	1 42
19	2 29	9 31	2 2[illegible]	1 23	0 3[illegible]	0 20	1 8	0 29	1 44
25	2 47	9 13	2 18	1 5	0 3[illegible]	0 19	1 3	0 [illegible]	1 24

Days	☉ d.	☉ m.	☉ s.	☽ ☌	☽ Lat.	♄	☊	☿ ℞	☿	♂	♃	♀	♀ ℞	☿	☿
1	9	6	53	13 5	oN.50	6	22	14 4[illegible]		22 3[illegible]		12 22		23 3[illegible]	
2	10	4	20	24 57	1 5[illegible]	6	20	14 43		23 9		13 23		25 16	
3	11	1	48	6♍4[illegible]	2 47	6	27	14 41		23 48		14 3[illegible]		27 4	
4	11	59	17	18 35	3 3[illegible]	6	35	14 39		24 26		15 47		28 56	
5	12	56	48	0♎27	4 [illegible]4	6	43	14 38		25 5		16 [illegible]		0♑51	
6	13	54	20	12 2[illegible]	4 43	6	50	14 37		25 43		18 10		2 48	
7	14	51	53	24 2[illegible]	4 59	6	58	14 37		26 22		19 22		4 47	
8	15	49	27	6♑38	5 1	7	6	14 37		26 59		20 34		6 47	
9	16	47	2	18 5	4 50	7	13	14 3[illegible]		27 37		21 4[illegible]		8 48	
10	17	44	39	1♈29	4 2[illegible]	7	21	14 36		28 14		22 56		10 50	
11	18	42	17	14 1[illegible]	3 46	7	29	14 D.36		28 52		24 8		12 53	
12	19	39	56	27 [illegible]	2 55	7	36	14 36		29 29		25 19		14 56	
13	20	37	36	10♉1[illegible]	1 54	7	44	14 36		☌♊ 6		26 30		16 58	
14	21	35	17	13 4[illegible]	0 4[illegible]	7	52	14 37		0 42		27 42		19 0	
15	22	33	0	7♊21	☍S.28	7	59	14 37		1 19		28 52		21 1	
16	23	30	45	21 3	1 41	8	7	14 38		1 55		☍☊ 3		23 1	
17	24	28	31	6♋1[illegible]	2 49	8	14	14 39		2 32		1 14		25 2	
18	25	26	18	[illegible]0 57	3 47	8	22	14 40		3 8		2 25		27 0	
19	26	24	6	5♌[illegible]	4 31	8	29	14 42		3 44		3 36		28 58	
20	27	21	56	21 [illegible]	4 [illegible]	8	37	14 44		4 19		4 47		☌♑25	
21	28	19	47	6♍ 1	4 59	8	44	14 46		4 55		5 58		2 52	
22	29	17	40	20 41	4 44	8	52	14 49		5 30		7 8		4 4[illegible]	
23	♍	15	35	4♎57	4 11	8	59	14 51		6 6		8 19		6 37	
24	1	13	31	18 44	3 23	9	7	14 53		6 41		9 30		8 28	
25	2	11	29	2♏ 4	2 26	9	14	14 5[illegible]		7 16		10 40		10 18	
26	3	9	29	14 54	1 23	9	21	14 58		7 50		11 50		12 7	
27	4	7	30	27 24	0 18	9	29	15 1		8 24		13 [illegible]3		13 55	
28	5	5	33	9♐35	oN 46	9	36	15 4		8 58		14 11		15 41	
29	6	3	38	21 3[illegible]	1 48	9	44	15 7		9 31		15 21		17 27	
30	7	1	44	3♑28	2 44	9	51	15 10		10 5		16 32		19 11	
31	7	59	51	15 18	3 33	9	58	15 14		10 39		17 41		20 53	

Days	Jupiter sets.	Mar. rises.	Venus sets.	Mercu. rises.	Dec. ♄ North.	Dec. ☿ South.	Dec. ☿ North.	Dec. ♂ North.	Dec. ♀ North.	Dec. ☿ North.	Dec. ☿ North.
1	OM.10	10A.58	8A.36	2M.5	19 18	22 14	17 7	8 10	21 38		
7	11A.43	10 44	8 44	3 22	9 7	22 14	18 5	5 11	20 16		
13	11 20	10 31	8 31	4 7	18 55	22 15	19 2	2 7	17 22		
19	10 58	10 19	8 19	sets.	18 44	22 16	19 50	0S. 59	13 25		
25	10 36	10 7	8 6	7A.24	18 33	22 19	20 33	4 6	9		

September hath XXX Days. White.

The Lunations.

Full Moon the 5th Day, 59 Minutes past 5 in the Morning.
Last Quarter the 12th Day, 29 Minutes after 3 in the Afternoon.
New Moon the 19th Day, 54 Minutes past 7 in the Morning.
First Quarter the 26th Day, 32 Minutes past 8 at Night.

M D	Sundays and other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ North.	Dec. ☽ South.	Moon sets.	Moon South.	Clock aft. Sun
1	Giles Abbot & C.	5 14	6 45	8 13	16 40	1 M 12	9 A. 27	0 19
G	12th Sun. af. Trin.	Lon. b. 1666 O S.		7 51	13 32	2 16	10 12	0 38
3		5 17	6 42	7 29	9 50	3 22	10 57	0 57
4		5 19	6 40	7 6	5 42	4 29	11 41	1 16
5		5 2	6 38	6 44	1 13	☽ rises.	Morn.	1 35
6		5 23	6 36	6 22	3 N. 33	6 A. 39	0 25	1 55
7	Dog days end.	5 25	6 34	5 59	7 49	7 0	1 9	2 15
8	Nativ. B. V. Mary.	5 27	6 32	5 37	12 0	7 27	1 56	2 35
G	13th Sun. af. Trin.	5 29	6 30	5 14	15 42	7 57	2 46	2 55
10		5 31	6 28	4 51	18 37	8 33	3 37	3 15
11		5 33	6 26	4 28	20 33	9 19	4 31	3 35
12		5 35	6 24	4 5	21 27	10 16	5 28	3 56
13		5 37	6 22	3 42	20 43	11 23	6 27	4 17
14	Holy Cross Day.	5 39	6 20	3 19	18 51	Morn.	7 25	4 38
15		5 41	6 18	2 56	15 43	0 38	8 23	5 0
G	14th Sun. af. Trin.	5 43	6 16	2 33	11 40	1 58	9 19	5 21
17	Lambert B. & M.	5 45	6 14	2 10	6 51	3 20	10 14	5 42
18		5 47	6 12	1 46	1 41	4 43	11 9	6 3
19	Ember Week.	5 49	6 10	1 23	3 S. 31	☽ sets.	0 A. 2	6 24
20		5 51	6 8	1 0	8 25	6 A. 11	0 52	6 45
21	St Matthew.	5 53	6 6	0 36	12 44	6 39	1 43	7 6
22	K. George III. cro.	5 55	6 4	0 13	16 18	7 10	2 34	7 26
G	15th Sun. af. Trin.	5 57	6 2	0 S. 10	18 56	7 45	3 25	7 47
24		5 59	6 0	0 34	20 34	8 28	4 17	8 7
25		6 1	5 58	0 57	21 11	9 16	5 7	8 27
26	St. Cyprian M.	6 3	5 56	1 21	20 47	10 10	5 56	8 47
27		6 5	5 54	1 44	19 28	11 11	6 46	9 7
28		6 7	5 52	2 8	17 20	Morn.	7 33	9 26
29	St. Michael.	Prs. Char. Aug. Mat. bo.			14 26	0 14	8 17	9 46
G	16th Sun. af. Trin.	6 11	5 48	2 54	10 57	1 19	9 1	10 6

Days	Day decrea.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ☉	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn rises.
1	3 3	13 31	7 ♌ 0	26 ♐ 17	26 ♈ 33	8 ♓ 58	21 ♐ 40	26 ♎ 3	2 M 26
7	3 25	13 9	7 14	26 46	0 ♉ 4	14 48	1 ♑ 10	14 ♏ 24	2 8
13	3 49	12 45	7 27	27 15	3 33	20 38	10 39	1 ♐ 23	1 50
19	4 13	12 21	7 40	27 44	7 0	26 30	20 8	17 53	1 32
25	4 37	11 57	7 53	28 14	10 26	2 ♈ 23	29 37	4 ♑ 38	1 15

September 1770.

☽ Sept.	Daylig. begins	Daylig. ends.	Durat. Twilig.	Node ☽ in ♈	Lat. ♄ North.	Lat. ♃ North.	Lat. ♂ South.	Lat. ♀ South.	Lat. ☿ North.
1	3 7	8 53	2 11	0 44	0 37	0 17	0 5[illegible]	0 16	0 4[illegible]
7	3 24	8 36	2 6	0 25	0 37	0 16	0 48	0 40	0 [illegible]
13	3 37	8 23	2 4	0 7	0 38	0 16	0 41	1 4	0S.4[illegible]
19	3 52	8 8	2 1	25 ♍ 48	0 39	0 15	0 34	1 28	1 2[illegible]
25	4 5	7 55	2 0	29 20	0 40	0 14	0 26	1 52	

D. Sept.	☉ d.	☉ m.	☉ s.	☽ ♈	☽ Lat.	♄ ♎	♃ ♊	♂ ♊	♀ ♏	☿ ♍
1	8	58	0	27 6	4N.12	10 5	15 17	11 12	18 51	22 34
G	9	56	11	9♒ 1	4 41	10 12	15 20	11 44	20 1	24 14
3	10	54	24	21 5	4 57	10 19	15 24	12 17	21 11	25 57
4	11	52	39	3♓18	5 0	10 26	15 28	12 49	22 21	27 37
5	12	50	56	15 43	4 50	10 33	15 33	13 21	23 31	29 [illegible]
6	13	49	14	28 18	4 25	10 40	15 38	13 52	24 41	0♑44
7	14	47	34	11♈ 4	3 47	10 47	15 43	14 23	25 50	2 18
8	15	45	56	24 0	2 56	10 54	15 48	14 56	27 0	3 51
G	16	44	20	7♉19	1 55	11 0	15 53	15 27	28 9	5 23
10	17	42	46	20 30	0 46	11 7	15 [illegible]8	15 [illegible]7	29 19	6 54
11	18	41	13	4♊ 3	0S.25	11 14	16 4	16 28	0♒28	8 24
12	19	39	43	17 [illegible]9	1 37	11 20	16 9	16 58	1 37	9 53
13	20	38	14	1♋49	2 44	11 27	16 15	17 29	2 46	11 21
14	21	36	47	16 [illegible]	3 42	11 33	16 21	17 58	3 55	12 48
15	22	35	23	0♌32	4 27	11 40	16 27	18 27	5 [illegible]	14 13
G	23	34	0	15 10	4 55	11 46	16 33	18 55	6 12	15 37
17	24	32	39	29 51	5 3	11 52	16 39	9 24	7 21	17 0
18	25	31	21	14♍27	4 52	11 59	16 48	19 53	8 30	18 22
19	26	30	4	28 51	4 23	12 5	16 55	20 21	9 38	19 42
20	27	28	49	12♎57	3 37	12 11	16 59	20 48	10 47	21 1
21	28	27	36	26 38	2 40	12 17	17 [illegible]	21 15	11 55	22 19
22	29	26	26	9♏55	1 36	12 23	17 13	21 41	13 3	23 36
G	♐	25	17	22 47	0 29	12 30	17 21	28 8	14 11	24 51
24	1	24	11	5♐19	0N.38	12 36	17 28	22 34	15 19	26 5
25	2	23	6	17 32	1 42	12 42	17 3[illegible]	23 0	16 27	27 17
26	3	22	3	29 35	2 41	12 48	17 43	23 25	17 35	28 27
27	4	21	2	11♑18	3 31	12 54	17 51	23 50	18 42	29 35
28	5	20	4	23 17	4 13	13 0	17 59	24 14	19 50	0♏41
29	6	19	7	5♒30	4 44	13 6	18 7	24 38	20 57	1 45
G	7	18	13	17 1[illegible]	5 2	13 11	18 15	25 2	22 4	2 47

D. Sept.	Jupiter sets.	Mars rises.	Venus sets.	Mercu. sets.	Dec. ♄ North.	Dec. ♃ South.	Dec. ♂ North.	Dec. ♀ South.	Dec. ☿ North.
1	10M 12	9 A54	7 A52	7 A14	18 20	22 23	21 16	7 39	3 40
7	9 51	9 42	7 40	7 3	18 9	22 27	21 47	10 37	0S. 51
13	9 32	9 31	7 29	6 53	17 59	22 30	22 14	13 27	5 8
19	9 12	9 19	7 19	6 40	17 49	22 3[illegible]	22 34	16 7	9 6
25	8 54	9 6	7 9	6 27	17 40	22 40	22 54	18 33	12 36

October hath XXXI Days. White.

The Lunations.

Full Moon the 4th Day, 18 Minutes past 8 at Night.
Last Quarter the 11th Day, 17 Minutes after 10 at Night.
New Moon the 18th Day, 41 Minutes past 7 at Night.
First Quarter the 26th Day, 44 Minutes after 4 in the Afternoon.

M D	Sundays and other Ten. Ma. Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ South.	Moon sets.	Moon South.	Clock aft. Sun
1	Remigius Bp.	6 12	5 47	3 18	6 58	2M24	9A.45	10 26
2		6 14	5 45	3 41	2 38	3 32	10 29	10 45
3		6 16	5 43	4 4	1N.54	4 40	11 5	11 3
4		6 18	5 41	4 28	6 26	☽ rises.	Morn.	11 21
5		6 30	5 39	4 51	10 45	5A.39	0 1	11 38
6	Faith V. & M.	6 22	5 37	5 14	14 40	6 6	0 50	11 55
7	17th Sun. af. Trin.	6 24	5 35	5 37	17 49	6 43	1 40	12 11
8	St. Denys B. & M.	6 26	5 33	6 0	20 1	7 26	2 35	12 27
9		6 28	5 31	6 23	21 1	8 20	3 32	12 42
10	Ors. & Cam. T. b.	Old Mich. Day		6 46	20 46	9 24	4 31	12 58
11		6 32	5 27	7 8	19 11	10 37	5 29	13 14
12		6 34	5 25	7 31	16 27	11 53	6 26	13 29
13	Tr. H. Edw. Conf.	6 36	5 23	7 54	12 44	Morn.	7 22	13 44
14	18th Sun. af. Trin	6 38	5 21	8 16	8 17	1 11	8 15	13 58
15		6 40	5 19	8 38	3 22	2 31	9 7	14 11
16		6 42	5 17	9 0	1S.42	3 49	9 57	14 24
17	Etheldred:	6 44	5 15	9 22	6 36	5 8	10 47	14 36
18	St. Luke.	6 46	5 13	9 44	11 6	☽ sets.	11 38	14 48
19		6 47	5 12	10 6	14 56	5A.15	0A.30	14 59
20		6 49	5 10	10 28	17 55	5 49	1 21	15 9
21	19th Sun. af. Trin.	6 51	5 8	10 49	19 56	6 28	2 13	15 19
22		6 53	5 6	11 11	20 56	7 13	3 4	15 28
23		6 55	5 4	11 32	20 52	8 8	3 55	15 36
24		6 57	5 2	11 53	19 52	9 6	4 44	15 43
25	K. Geo. III. Inau.	Crispin	5 0	12 13	18 0	10 7	5 31	15 48
26	K. Geo. III. Proc.	7 1	4 58	12 34	15 13	11 10	6 16	15 54
27		7 3	4 56	12 54	12 5	Morn.	7 0	16 0
28	20th Sun. af. Trin.	St. Simon & Jud.		13 15	8 17	0 15	7 43	16 5
29		7 7	4 52	13 35	4 7	1 20	8 26	16 9
30		7 9	4 50	13 54	0.N18	2 27	9 11	16 11
31		7 11	4 48	14 14	4 50	3 37	9 57	16 13

Day	Day decrease	Length of Day	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ⊖	Helioc. Plac. ♀	Helioc. Plac. ♀	Saturn rises.
1	4 59	11 35	8♌ 7	28♐ 43	13♉ 49	8♈ 17	9♒ 6	22♑ 24	0M57
7	5 23	11 11	8 20	29 13	17 10	14 13	18 35	12♒ 5	0 37
13	5 47	10 47	8 33	29 42	20 29	20 10	28 5	4♓ 49	0 18
19	6 10	10 24	8 46	0♑ 12	23 47	26 8	7♓ 36	1♈ 52	11A.55
25	6 33	10 1	8 59	0 41	27 2	2♉ 7	17 7	4♉ 11	11 34

October 1770.

Day	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node ☊ in ♍	Lat. ♄ North.	Lat. ♅ North.	Lat. ♂ South.	Lat. ♀ South.	Lat. ☿ South.
1	4 18	7 42	1 59	29 9	0 41	0 13	0 14	2 16	2 51
7	4 31	7 29	1 58	28 50	0 42	0 12	0 3	2 39	3 15
13	4 43	7 17	1 57	28 31	0 42	0 11	ON. 8	2 59	3 14
19	4 55	7 5	1 57	28 12	0 43	0 11	☉ 21	3 15	2 26
25	5 6	6 56	1 58	27 52	0 44	0 10	0 35	3 30	0 40

Days	☉ d.	☉ m.	☉ ♏	☽	☽ Lat.	♄	♅	♃	♂	♀	☿	☿
1	8	17	21	29 19	5N. 7	13 17	18 23	25 25	23 11	3	46
2	9	16	31	♓ 4	4 58	13 22	18 32	25 48	24 18	4	42
3	10	15	43	24 18	4 35	13 28	18 41	26 10	25 24	5	35
4	11	14	56	♈ 9	3 58	13 33	18 49	26 32	26 31	6	25
5	12	14	12	20 15	3 6	13 39	18 58	26 53	27 37	7	12
6	13	13	30	♉ 3 5	2 5	13 44	19 7	27 14	28 44	7	54
7	14	12	51	17 6	0 55	13 49	19 16	27 34	29 50	8	32
8	15	12	13	♊ 4 7	0S. 19	13 54	19 25	27 53	♐ 56	9	6
9	16	11	37	14 3	1 33	13 58	19 34	28 12	2 1	9	35
10	17	11	3	28 35	2 42	14 3	19 44	28 31	3 7	9	59
11	18	10	31	♋ 4 0	3 42	14 8	19 53	28 49	4 12	10	16
12	19	10	2	26 49	4 29	14 12	20 3	29 7	5 17	10	27
13	20	9	35	♌ 2	4 59	14 17	20 13	29 25	6 22	10	32
14	21	9	10	25 16	5 15	14 21	20 23	29 42	7 27	10	♑ 27
15	22	8	46	♍ 3 0	5 4	14 26	20 33	29 58	8 31	10	16
16	23	8	25	23 37	4 39	14 30	20 43	0 ♒ 13	9 3	9	56
17	24	8	6	♎ 3 4	3 57	14 34	20 53	0 28	10 39	9	27
18	25	7	49	21 17	3 2	14 39	21 4	0 41	11 42	8	49
19	26	7	33	♏ 4 2	1 58	14 43	21 14	0 54	12 46	8	2
20	27	7	19	17 48	0 49	14 47	21 2	1 6	13 50	7	7
21	28	7	7	♐ 3 4	ON. 21	14 50	21 35	1 18	14 53	6	5
22	29	6	57	13 3	1 28	14 54	21 46	1 29	15 56	4	56
23	♏	6	50	25 17	2 31	14 58	21 57	1 40	16 58	3	42
24	1	6	45	♑ 9	3 25	15 1	22 8	1 50	18 1	2	26
25	2	6	41	19 13	4 10	15 5	22 19	2 0	19 3	1	8
26	3	6	41	♒ 5	4 42	15 8	22 30	2 9	20 5	29	♒ 55
27	4	6	42	14 0	5 6	15 11	22 41	2 17	21 6	28	46
28	5	6	44	25 9	5 25	15 15	22 52	2 24	22 6	27	42
29	6	6	49	♓ 10	5 20	15 18	23 4	2 30	23 7	26	45
30	7	6	55	19 37	4 51	15 21	23 15	2 35	24 7	25	58
31	8	7	3	♈ 2 0	4 19	15 24	23 26	2 40	25 7	25	22

Days	Jupiter sets.	Mars rises.	Venus sets.	Mercu. sets.	Dec. ♄ North.	Dec. ♅ South.	Dec. ♂ North.	Dec. ♀ South.	Dec. ☿ South.
1	8A. 35	8A. 5	7A. 0	6A. 1	17 31	22 45	23 10	20 48	15 28
7	8 10	8 38	6 53	5 58	17 23	22 51	23 25	22 44	16 42
13	7 57	8 23	6 47	5 40	17 16	22 56	23 37	24 21	18 4
19	7 39	8 6	6 42	5 28	17 8	23 1	23 50	25 31	16 31
25	7 21	7 46	6 41	rises.	17 2	23 6	24 5	26 31	12 31

The Lunations.

Full Moon the 3d Day, 44 Minutes after 9 in the Morning.
Last Quarter the 10th Day, 17 Minutes past 5 in the Morning.
New Moon the 17th Day, 19 Minutes after 10 in the Morning.
First Quarter the 25th Day, 7 Minutes past 1 in the Afternoon.

[illegible] Days.	Sun rises.	Sun sets	Dec. ☉ South.	Dec. ☽ North.	Moon sets.	Moon South.	Clock aft. S
[illegible]	7 12	4 47	14 33	9 15	4 M 49	10 A 45	16 [illegible]
[illegible] Edwar born	All Souls.		14 52	13 19	6 3	11 36	16 [illegible]
	7 16	4 43	15 11	16 47	☽ rises.	Morn.	16 [illegible]
[illegible] Trin.	7 18	4 41	15 30	19 22	5 A. 24	0 29	16 [illegible]
[illegible]	7 20	4 39	15 48	20 47	6 16	1 26	16 [illegible]
[illegible]	Leonard	Cont.	16 6	20 52	7 18	2 24	16 [illegible]
[illegible] born	7 22	4 37	16 24	19 35	8 29	3 26	16 [illegible]
[illegible]	7 24	4 35	16 41	17 5	9 45	4 23	16 [illegible]
[illegible]	7 26	4 33	16 59	13 51	11 5	5 18	15 [illegible]
	7 28	4 31	17 16	9 15	Morn.	6 13	15 [illegible]
[illegible] Sun. aft. Trin.	St. Mart.	B. & C.	17 32	4 31	0 21	7 5	15 [illegible]
	7 31	4 29	17 49	0 S. 26	1 39	7 54	15 [illegible]
Britius B.	7 32	4 27	18 5	5 17	2 55	8 44	15 [illegible]
	7 34	4 25	18 21	9 46	4 10	9 31	15 [illegible]
Machutus B.	7 36	4 23	18 36	13 46	5 23	10 20	15 [illegible]
	7 37	4 22	18 51	17 0	6 34	11 12	15 [illegible]
Hugh Bp. Linc.	7 38	4 21	19 6	19 20	☽ sets.	0 A. 4	14 [illegible]
[illegible] Sun. aft. Trin.	7 40	4 19	19 20	20 41	5 4	0 54	14 [illegible]
	7 42	4 18	19 34	20 58	5 56	1 45	14 [illegible]
Edmund K. & M.	7 44	4 16	19 48	20 16	6 52	2 33	14 [illegible]
	7 45	4 15	20 1	18 40	7 52	3 20	13 [illegible]
D. Martinm Day.	7 46	4 14	20 15	16 15	8 54	4 7	13 [illegible]
St. Clem. B. & M.	7 48	4 12	20 27	13 11	9 57	4 51	13 [illegible]
	7 49	4 11	20 39	9 34	11 2	5 34	12 [illegible]
[illegible] Sun. aft. Trin.	D. Glouc. born.		20 51	5 35	Morn	6 17	12 [illegible]
	7 51	4 9	21 2	1 17	0 8	7 [illegible]	12 [illegible]
	7 52	4 8	21 13	3 N 9	1 15	7 44	11 59
[illegible] ends.	7 53	4 7	21 24	7 32	2 23	8 28	11 [illegible]
	7 44	4 6	21 34	11 43	3 33	9 17	11 [illegible]
[illegible] Andrew.	Trs. Dow. Wales born.			15 28	4 47	10 9	10 [illegible]

Day creas.	Length of Day.	Helioc. Plac. ♄	Helioc. Plac. ♃	Helioc. Plac. ♂	Helioc. Plac. ⊖	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn rises.
5 59	9 35	9 ♌ 15	1 ♑ 16	0 ♊ 47	9 ♉ 7	28 ♓ 14	17 ♊ 16	11 A. 9
20	9 14	9 28	1 45	3 58	15 9	7 ♈ 47	24 ♋ 14	10 46
40	8 54	9 41	2 15	7 6	21 11	17 21	26 ♌ 46	10 23
58	8 36	9 54	2 44	10 13	27 15	26 56	23 ♍ 43	9 59
14	8 20	10 8	3 14	13 18	3 ♊ 19	6 ♉ 32	16 ♎ 10	9 33

November 1770.

Days	Daylig. begins.	Daylig ends.	Durat. Twilig.	Node ☽ in ♏	Lat. ☿ North.	Lat. ♅ North	Lat. ♂ Nor h.	Lat. ♃ South.	Lat. ♀ North.
1	5 17	6 43	1 59	27 30	0 46	0 9	0 53	3 41	1 27
7	5 25	6 3[illegible]	2 2	27 10	0 47	0 8	1 9	3 44	2 14
13	5 34	6 26	2 3	26 50	0 48	0 8	1 27	3 41	2 13
19	5 41	6 19	2 5	26 30	0 49	0 7	1 44	3 31	1 43
25	5 48	6 12	2 7	26 11	0 50	0 [illegible]	2 2	3 12	1 6

Days	☉ d.	☉ ♏ m.	☉ ♏ s.	☽	☽ Lat.	♄	♌	♅	♇	♂	♋	♀	♇	♀ ℞	♎
1	9	7	12	15 ♑ 23	3 N. 29	15 27	23 38	2 44	26 7	24 56					
2	10	7	24	28 46	2 28	15 30	23 50	2 47	27 6	24 43					
3	11	7	37	12 ♒ 27	1 17	15 33	24 2	2 49	28 4	24 42					
4	12	7	52	26 24	0 1	15 35	24 13	2 50	29 2	24 D. 53					
5	13	8	9	10 ♓ 36	1 S. 17	15 38	24 25	2 51	29 59	25 14					
6	14	8	28	24 51	2 30	15 40	24 27	2 52	0 ♍ 57	25 44					
7	15	8	49	9 ♈ 7	3 35	15 42	24 49	2 ℞ 51	1 54	26 28					
8	16	9	11	23 25	4 26	15 44	25 11	2 50	2 50	27 9					
9	17	9	35	7 ♉ 49	5 1	15 46	25 13	2 48	3 45	28 1					
10	18	10	1	22 0	5 16	15 47	25 26	2 44	4 40	28 59					
11	19	10	28	6 ♊ 2	5 13	15 49	25 38	2 39	5 34	0 ♏ 4					
12	20	10	57	19 54	4 52	15 51	25 51	2 33	6 28	1 15					
13	21	11	28	3 ♋ 57	4 14	15 53	26 3	2 26	7 22	2 30					
14	22	12	0	17 [illegible]	3 22	15 54	26 14	2 18	8 [illegible]	3 48					
15	23	12	34	☌ ♍ 25	2 21	15 56	26 28	2 10	9 7	5 8					
16	24	13	9	3 23	1 13	15 56	26 40	2 1	9 58	6 30					
17	25	13	45	26 11	0 2	15 58	26 53	1 51	10 48	7 54					
18	26	14	23	8 ♐ 45	1 N. 7	15 59	27 6	1 40	11 38	9 20					
19	27	15	2	21 [illegible]	2 12	16 0	27 19	1 29	12 27	10 47					
20	28	15	42	3 ♑ 14	3 20	16 1	27 32	1 17	13 15	12 15					
21	29	16	25	15 14	3 59	16 2	27 45	1 4	14 3	13 44					
22	♐	17	9	27 9	4 37	16 3	27 58	0 50	14 50	15 14					
23	1	17	54	9 ♒ 0	5 3	16 3	28 11	0 35	15 35	16 45					
24	2	18	41	20 55	5 16	16 4	28 24	0 20	16 19	18 17					
25	3	19	29	2 ♓ 4	5 16	16 4	28 37	0 4	17 2	19 49					
26	4	20	18	15 6	5 1	16 4	28 50	29 ♊ 47	17 44	21 21					
27	5	21	8	27 29	4 33	16 4	29 3	29 29	18 25	22 53					
28	6	22	0	10 ♈ 12	3 50	16 ℞ 4	29 16	29 11	19 5	24 20					
29	7	22	53	23 15	2 55	16 4	29 30	28 52	19 44	25 59					
30	8	23	47	6 ♉ 45	1 48	16 4	29 43	28 32	20 22	27 32					

Days	Jupiter sets.	Mars rises.	Venus sets.	Mercu rises.	Dec. ☿ North	Dec. ♅ South	Dec ♂ North.	Dec. ♃ South.	Dec. ♀ South.
1	6 A. 59	7 A. 20	6 A 40	7 M 47	16 58	23 11	24 20	27 7	8 20
7	6 39	6 54	6 41	5 28	16 55	23 15	24 36	27 12	8 7
13	6 20	6 26	6 43	5 36	16 52	23 17	24 55	26 58	10 17
19	6 0	5 55	6 45	6 2	16 51	23 20	25 13	26 24	13 28
25	5 41	5 21	6 47	6 30	16 5	23 23	25 31	25 34	16 40

December hath XXXI Days. White.

The Lunations.

Full Moon the 2d Day, 55 Minutes after 9 at Night.
Last Quarter the 9th Day, 26 Minutes past 1 in the Afternoon.
New Moon the 31st Day, 3 Minutes after 3 in the Morning.
First Quarter the 25th Day, 7 Minutes past 8 in the Morning.

Sundays & other remarkable Days.	Sun rises.	Sun sets.	Dec. ☉ South.	Dec. ☽ North.	Moon sets.	Moon south.	Clock at S.
	7 57	4 3	21 53	18 26	6 41	11 A. 55	10 32
Advent Sunday.	7 58	4 2	22 2	20 2	☽ rises.	Morn.	10 8
	7 59	4 1	22 11	21 0	4 A. 54	0 4	9 44
	8 0	4 0	22 19	20 12	6 4	1 5	9 19
	8 0	4 0	22 27	18 0	7 20	2 6	8 54
Nicholas Bp.	8 1	3 59	22 34	14 30	8 41	3 4	8 28
	8 2	3 58	22 41	10 24	10 1	4 0	8 2
Concept. B. V. M.	8 3	3 57	22 47	5 39	11 19	4 53	7 36
2 Sund. in Advent.	8 4	3 56	22 53	0 41	Morn.	5 44	7 9
	8	3 55	22 59	4 S. 11	0 35	6 33	6 42
	8 5	3 55	23 4	8 4	1 50	7 21	6 14
	8 6	3 54	23 8	12 52	3 2	8 9	5 46
Lucy V. & M.	8 6	3 54	23 12	16 14	4 12	8 57	5 18
	8 6	3 54	23 16	18 27	5 2	9 47	4 49
	8 7	3 53	23 19	20 24	6 24	10 37	4 20
3 Sund. in Adv.	8 7	3 53	23 22	21 0	7 19	11 28	3 50
Oxl. & C. T. ends.	8 7	3 53	23 24	20 36	☽ sets.	0 A. 17	3 20
	8 8	3 52	23 26	9 16	5 A. 30	1 5	2 50
Ember Week.	8 8	3 52	23 27	17 6	6 31	1 51	2 20
	8 8	3 52	23 28	14 14	7 34	2 36	1 50
St. Thomas.	Shortest	Day.	23 28	10 48	8 38	3 19	1 20
	8 8	3 52	23 28	6 57	9 42	4 1	0 50
Sund in Adv.	8 8	3 52	23 27	2 46	10 46	4 43	0 20
	8 8	3 52	23 26	1 N. 33	11 53	5 25	0 be 11
Christmas Day.	8 7	3 53	23 25	5 53	Morn.	6 8	0 41
St. Stephen.	8 7	3 53	23 23	10 5	1 1	6 54	1 11
St. John Evang.	8 7	3 53	23 20	13 55	2 10	7 43	1 4
Holy Innocents.	8 6	3 54	23 17	17 14	3 23	8 36	2 10
	8 6	3 54	23 14	19 37	4 35	9 32	2 39
Sund. aft. Christ	8 5	3 55	23 10	20 53	5 44	10 32	3 8
Chester Bp.	8 4	3 56	23 6	20 14	6 46	11 33	3 37

Day Dreas.	Length of Day.	Helioc. Plac ♄	Helioc. Plac. ♃	Helioc. Plac ♂	Helioc. Plac. ♋	Helioc. Plac. ♀	Helioc. Plac. ☿	Saturn sets.
28	8 6	10 ♌ 21	3 ♑ 43	16 ♊ 21	9 ♊ 25	16 ♉ 9	5 ♏ 33	9 A. 8
38	7 56	10 34	4 13	19 23	15 31	25 47	23 8	8 42
46	7 48	10 47	4 43	22 23	21 37	5 ♊ 26	9 ♐ 44	8 14
49	7 45	11 0	5 13	25 21	27 44	15 6	20 16	7 46
Dec. 2	7 46	11 13	5 43	28 17	3 ♋ 51	24 48	13 ♑ 25	7 18

December 1770.

Day.	Daylig. begins.	Daylig. ends.	Durat. Twilig.	Node in ♏	Lat. ♄ North.	Lat. ♃ North.	Lat. ♂ North.	Lat. ☿ South.	Lat. ♀ North.
1	5 4	6 6	2 8	25 5	0 51	0 0	2 19	2 43	0 24
7	5 57	6 3	2 10	25 31	0 52	0 5	2 35	2 1	0S.18
13	5 59	6 1	2 12	25 10	0 53	0 4	2 49	1 6	0 55
19	6 1	6 0	2 13	24 50	0 54	0 4	2 59	0N. 4	1 27
25	6 1	6 59	2 1	24 30	0 [illegible]	0 3	3 6	1 28	1 51

Day.	☉ d.	☉ m.	☉ s.	☽ ☊	☽ Lat.	♄ ℞	♅	♃	♂ ℞	♇	♀	♀
1	9	24	42	20 38	0N.33	16 3	29 ☽	28 12	20 59	29 6		
6	10	25	38	4♊15	0S.46	16 3	0♍ 9	27 53	21 35	0♐39		
3	11	26	35	19 30	2 3	16 2	0 23	27 29	22 9	2 12		
4	12	27	33	4♋16	3 12	16 1	0 36	27 8	22 41	3 46		
5	13	28	32	19 6	4 1	16 0	0 50	26 46	23 11	5 19		
6	14	29	31	3♌52	4 52	15 59	1 3	26 24	23 40	6 53		
7	15	30	31	18 27	5 13	15 57	1 17	26 1	24 7	8 26		
8	16	31	32	2♍48	5 14	15 56	1 31	25 38	24 32	10 0		
9	17	32	34	16 51	4 56	15 55	1 44	25 15	24 56	11 34		
10	18	33	37	0♎34	4 22	15 53	1 57	24 52	25 18	13 7		
11	19	34	41	14 0	3 33	15 52	2 11	24 28	25 38	14 41		
12	20	35	46	27 9	2 35	15 50	2 25	24 4	25 56	16 15		
13	21	36	51	10♏ 3	1 29	15 48	2 39	23 41	26 12	17 49		
14	22	37	57	22 43	0 21	15 46	2 53	23 18	26 26	19 24		
15	23	39	3	5♐12	0N.48	15 44	3 7	22 5[illegible]	26 38	20 58		
16	24	40	10	17 30	1 53	15 42	3 20	22 31	26 47	22 33		
17	25	41	17	29 33	2 52	15 40	3 34	22 7	26 54	24 7		
18	26	42	25	11♑42	3 43	15 37	3 48	21 44	26 58	25 42		
19	27	43	34	23 38	4 23	15 35	4 2	21 21	27 1	27 16		
20	28	44	43	5♒10	5 52	15 32	4 15	20 [illegible]	27 ℞ 1	28 51		
21	29	45	53	17 21	5 8	15 30	4 29	20 38	26 59	0♑27		
22	♍	47	2	29 14	5 11	15 27	4 43	20 16	26 54	2 2		
23	1	48	12	11♓13	5 1	15 25	4 57	19 51	26 46	3 38		
24	2	49	22	23 20	4 37	15 22	5 11	19 31	26 36	5 14		
25	3	50	32	5♈40	4 c	15 19	5 2	9 1	6 24	6 51		
26	4	51	43	18 17	3 11	15 16	5 39	8 5	26 10	8 27		
27	5	52	53	1♉16	2 10	15 13	5 53	18 3	25 53	10 4		
28	6	54	4	14 46	1 1	15 10	6 7	18 1	5 34	11 42		
29	7	55	14	28 33	0S 14	15 6	6 21	17 57	25 12	13 19		
30	8	56	25	12♊55	1 30	15 3	6 34	17 41	24 47	14 57		
31	9	57	35	27 40	2 43	15 0	6 48	17 22	24 20	16 36		

Day.	Jupiter: set.	Mars rises.	Venus set.	Mercu. rises.	Dec. ♄ North.	Dec. ♃ South.	Dec. ♂ South.	Dec. ☿ South.	Dec. ♀ South.
1.	5h2.	4h.45	6h.40	6M 57	16 51	23 23	25 47	24 32	19 37
7	5 0	4 [illegible]	6 41	7 26	16 54	23 24	26 0	23 19	22 3
13	4 40	sets.	6 33	7 54	16 58	23 23	26 9	22 1	23 51
19	4 20	8M.11	6 16	sets.	17 3	23 21	26 1	20 44	24 55
25	4 0	7 35	5 54	3A.54	17 8	23 19	26 [illegible]	19 29	25 9

Of the ECLIPSES this Year 1770.

There will be but Two Eclipses, which will happen in the following Order:

The firſt Eclipſe is of the Sun, and will happen on Friday the 25th Day of May, near our Two o'Clock in the Morning: conſequentſy inviſible to us, and to all theſe Parts of the Globe.

The ſecond Eclipſe is likewiſe of the Sun, and will happen on Saturday the 17th Day of November, near our Ten o'Clock in the Morning; but inviſible to us, and all theſe Parts of the Earth.

Although at the Time of this laſt Eclipſe, the Sun will have a conſiderable Altitude above our Horizon, yet the Moon's South Latitude, being augmented by her Southern Parallax of Latitude, will depreſs her too low to eclipſe any Part of the Sun's Body.

Speculum

JANUARY.

Days	
9	☽ in Perigeo.
9	☌☉☿ 4h.
11	☌♄☽ 17h.
16	☿ in ♑.
19	☉ in ♒ 10h. 1m. apparent time
22	☌♅☽ 4h.
23	☌☌☽ 14h.
23	☽ in Apogeo.
26	☌☿☽ 3h.
27	☌☿☽ 14h.

FEBRUARY.

Days	
5	☿ in ♌
6	☽ in Perigeo.
8	☌♄☽ oh.
9	☿ in Perihelio.
9	☿ Elong. max. à ☉ Vesp. 18° 8′, sets 1h. 44m. after him.
17	☿ in Aphelio.
18	☉ in ♓ oh. 50m.
18	☌♅☽ 21h.
19	☽ in Apogeo.
21	☌☌☽ 17h.
22	☌☉☿ 1h.
24	☌☿☽ 12h.
25	☌☿☽ oh.
27	☌☿☿ 7h.

MARCH.

Days	
5	☽ in Perigeo.
7	☌♄☽ 6h.
15	☿ in ♉.
18	☌♅☽ 11h.
19	☽ in Apogeo.
2	☉ in ♈ 1h. 21m.
2	☌☌☽ 21h.
23	☿ Elong. max. à ☉ nat. 27° 4′, rises 9h. 19m. before him.
24	☌☿☽ 11h.
25	☿ in Aphelio.
26	☌☉☿ 6h.
26	☌☿☽ 18h.

APRIL.

Days	
2	☽ in Perigeo.
3	☌♄☽ 12h.
14	☌♅☽ 21h.
10	☽ in Apogeo.
10	☉ in ♉ 14h. 20m.
21	☌☌☽ oh.
24	☌☿☽ 10h.
25	☌☿☽ 19 h.
29	☽ in Perigeo.
30	☌♄☽ 19h.

MAY.

Days	
3	☌☉☿ 16h.
4	☿ in ♌
7	☿ in ♌
8	☿ in Perihelio.
12	☌♅☽ 1h.
13	☽ in Apogeo.
14	☌☿☿ 19h.
20	☌♂ 2h.
20	☉ in ♊ 15h. 12m.
25	☌☌☽ 17h.
26	☌☿☽ 3h.
27	☽ in Perigeo.
28	☌♄☽ 6h.

JUNE.

Days	
4	☿ Elong. max. à ☉ Vesp. 23° 2′, sets 1h. 56m. after him.
4	☌ in Perihelio.
8	☌♅☽ 2h.
9	☿ in Perihelio.
10	☽ in Apogeo.
11	☿ in ♋.
17	☌☿☿ 14h.
18	☌☌☽ 2h.
21	☿ in Aphelio.
21	☉ in ♋ oh. 9m.
23	☽ in Perigeo.
23	☌☿☽ 14h.
24	☌☿☽ 12h.
24	☌♄☽ 20h.
28	☌♄☿ 14h.
30	☌☉☿ 14h.

JULY.

Days	
5	☌♅☽ 1h.
7	☽ in Apogeo.
16	☌☌☽ 21h.
20	☌☿☽ 18h.
21	☽ in Perigeo.
22	☿ Elong. max. à ☉ Mat. 18° 47′, rises 1h. 31m. before him.

Days	JULY.
22	☉ in ♌ 11h. 8m.
22	☿ ☽ 12h.
24	☿ ☽ 9h.
28	☿ ☉ ♄ 11h.
31	♀ in ♌.

Days	AUGUST.
1	♂ ♐ ☽ 3h.
4	♀ in Perihelio.
4	☽ in Apogeo.
8	☿ ♄ ♀ 4h.
14	♂ ♂ ☽ 12h.
16	♂ ♓ ☽ 12h.
18	☽ in Perigeo.
19	☿ ♄ ☽ 4h.
20	♂ ♀ ☽ 18h.
22	☉ in ♍ 17h. 31m.
23	☿ ♀ ☽ 6h.
27	☉ in ♎.
28	☿ ♐ ☽ 11h.
31	☽ in Apogeo.

Days	SEPTEMBER.
7	♀ in ♎.
11	♂ ☿ ☽ 22h.
14	☽ in Perigeo.
15	☿ ♄ ☽ 18h.
17	♀ in Aphelio.
20	♂ ♀ ☽ 16h.
22	♂ ♌ ☽ 6h.
22	☉ in ♍ 13h. 49m.
25	♂ ♑ ☽ oh.
28	☽ in Apogeo.
30	♀ Elong. max. à ☉ Vesp. 25° 29′, sets oh. 29m. after him.

Days	OCTOBER.
1	♀ in Aphelio.
8	☿ in ♎.
10	♂ ☿ ☽ oh.
12	☽ in Perigeo.
13	☿ ♄ ☽ 6h.
19	☿ ♀ ☽ 6h.
22	☿ ♃ ☽ 6h.
22	☿ ♑ ☽ 17h.
23	☉ in ♏ 21h. 32m.
24	☿ ☉ ♀ 14h.
27	☽ in Apogeo.
28	☉ in ♎.
29	☿ ♑ ♀ 23h.
31	♀ Elong. max. á ☉ Vesp. 47° 0′, sets 1h. 48m. after him.
	♀ in Perihelio.

Days	NOVEMBER.
6	☿ ☿ ☽ 13h.
8	☽ in Perigeo.
9	☿ ♄ ☽ 14h.
10	♀ Elong. max. à ☉ mat. 19° 11′, rises 1h. 56m. before him.
15	☿ ♀ ☽ 10h.
19	☿ ♑ ☽ 13h.
20	☿ ♀ ☽ 21h.
21	☉ in ♐ 17h. 28m.
22	☽ in Apogeo.

Days	DECEMBER.
3	☿ ☿ ☽ 13h.
4	♀ in ♑.
6	☽ in Perigeo.
6	☿ ♄ ☽ 20h.
14	♀ in Aphelio.
16	☿ ♀ ☽ 12h.
17	☿ ♑ ☽ 8h.
18	♀ in ♐.
19	☿ ♀ ☽ 7h.
19	☿ ☉ ♀ 20h.
20	☽ in Apogeo.
21	☉ in ♑ 5h. 34m.
23	☿ ♑ ♀ 23h.
27	☿ ☉ ♑ oh.
30	☿ ☿ ☽ 8h.

ADVERTISEMENT.

AT *Bingham*, near *Nottingham*, young Gentlemen and others may be *commendably* boarded with the Author of this EPHEMERIS, at reasonable Rates, and be taught by him with the utmoſt Care and Expedition the following Parts of the Mathematics, viz. *Geometry*, *Algebra*, *Trigonometry*, *Navigation*, *Aſtronomy*, *Dialling*, *The Uſe of the Globes*, and other *Mathematical Inſtruments*.

A Table of the Eclipses of *Jupiter*'s first Satelles, reduced to correct or apparent Time, 1770. White.

JANUARY			
Immersions			
d.	h.	m	
1	9	18	55
3	3	46	27
4	22	14	1
6	16	41	36
8	11	9	12
10	5	36	49
12	0	4	27
13	18	32	7
15	12	59	46
17	7	27	33
19	1	55	18
20	20	23	5
22	14	50	55
24	9	18	47
26	3	46	43
27	22	14	42
29	16	42	44
31	11	10	49

FEBRUARY			
Immersions			
2	5	38	55
4	0	7	3
5	18	35	13
7	13	3	24
9	7	31	38
11	1	59	54
12	20	28	13
14	14	56	34
16	9	24	57
18	3	53	22
91	22	21	50
21	16	50	20
23	11	18	53
25	5	47	27
27	0	16	3

FEBRUARY.			
Immersions			
d	h.	m.	f.
28	18	44	40

MARCH			
Immersions			
2	13	13	18
4	7	41	58
6	2	10	39
7	20	39	22
9	15	8	6
11	9	36	51
13	4	5	38
14	22	34	26
16	17	3	15
18	11	32	4
20	6	0	54
22	0	29	45
23	18	58	36
25	13	27	27
27	7	56	18
29	2	25	10
30	20	54	2

APRIL			
Immersions			
1	15	22	55
3	9	51	47
5	4	20	39
6	22	49	30
8	17	18	20
10	11	47	9
12	6	15	56
14	0	44	42
15	19	13	28
17	13	42	14
19	8	11	0
21	2	39	46

APRIL			
Immersions			
d.	h.	m.	f.
22	21	8	31
24	15	37	14
26	10	5	56
28	4	34	36
29	23	3	14

MAY			
Immersions			
1	17	31	51
3	12	0	26
5	6	29	0
7	0	57	32
8	19	26	3
10	13	54	33
12	8	23	3
14	2	51	12
15	21	20	0
17	15	48	27
19	10	16	53
21	4	45	16
22	23	13	37
24	17	41	57
26	12	10	16
28	6	38	34
30	1	6	51
31	19	35	8

JUNE			
2	14	3	24
4	8	31	40
6	2	59	55
7	21	28	9
9	15	56	23

Emersions			
11	12	35	6
13	7	3	15

JUNE			
Emersions			
d.	h.	m.	f.
15	1	31	30
16	19	59	44
18	14	27	58
20	8	56	13
22	3	24	28
23	21	52	45
25	16	21	3
27	10	49	22
29	5	17	43
30	23	46	3

JULY			
Emersions			
2	18	14	24
4	12	42	47
6	7	11	11
8	1	39	37
9	20	8	5
11	14	36	35
13	9	5	7
15	3	33	41
16	22	2	17
18	16	30	54
20	10	59	32
22	5	28	13
23	23	56	57
25	18	25	43
27	12	54	30
29	7	23	20
31	1	52	13

AUGUST			
Emersions			
1	20	21	9
3	14	50	8
5	9	19	9

A Table of the Eclipſes of *Jupiter*'s firſt Satelles, reduced to correct or apparent Time, 1770. White.

AUGUST				SEPTEMBER				OCTOBER				OCTOBER			
Emerſions				Emerſions				Emerſions				Emerſions			
d.	h.	m.	ſ.	d.	h.	m.	ſ.	d	h.	m.	ſ.	d.	h	m.	ſ.
7	3	48	12	2	17	6	55	1	0	58	35	29	8	45	38
8	22	17	16	4	11	36	22	2	19	27	59	31	3	14	30
10	16	46	22	6	6	5	51	4	13	57	21	NOVEMBER			
12	11	15	30	8	0	35	22	6	8	26	41	Emerſions			
14	5	44	39	9	19	4	53	8	2	56	1	1	21	43	20
16	0	13	50	11	13	34	23	9	21	25	20	3	16	12	8
17	18	43	2	13	8	3	53	11	15	54	38	5	10	40	53
19	13	12	15	15	2	32	22	13	10	23	55	7	5	9	34
21	7	41	29	16	21	2	51	15	4	53	10	8	23	38	10
23	2	10	45	18	15	32	20	16	23	22	23	10	18	6	42
24	20	40	4	20	10	1	48	18	17	51	32	12	12	35	12
26	15	9	24	22	4	31	16	20	12	20	38	14	7	3	39
28	9	38	45	23	23	0	45	22	6	49	43	16	1	32	4
30	4	8	7	25	17	30	13	24	1	18	46	17	20	0	26
31	22	37	30	27	11	59	41	25	19	47	46	♀ near ⊙			
				29	6	29	9	27	14	16	43				

The Times of the Eclipſes contained in this Table, are adapted to the Meridian of the Royal Obſervatory near *London*; and afford an excellent Method to diſcover the Longitude or Difference of Meridians, between that and any other Place whatſoever; which I ſhall illuſtrate by an *Example*.

Suppoſe on the 13th Day of October this Year, the Time of the Emerſion of Jupiter's firſt Satelles be obſerved (by a Teleſcope) in an unknown Meridian, to happen at 48 min. 30 ſec. after 7 at Night: I find by the Table, that the Time of this Emerſion will be (at the Britiſh Obſervatory) at 23 min. 55 ſec. after 10 the ſame Night: The Difference of the Times is 2 hours 35 min. 25 ſec. which being converted into Deg. and Min. of the Equator, will make 38 deg. 51 min. 15 ſec. the Longitude of the Place of Obſervation to the Weſt; becauſe the Time is leſs than at the Britiſh Obſervatory.

A Table

A Table of the Times of High-Water at *London-Bridge*, in the Morning and Afternoon of every Day in the Year 1770.

White.

Mo. Days	JANUARY. Morn. h.	m.	Aftern. h.	m.	Mo. Days	FEBRUARY. Morn. h.	m.	Aftern. h.	m.	Mo. Days	MARCH. Morn. h.	m.	Aftern. h.	m.	Mo. Days	APRIL. Morn h.	m.	Aftern. h.	m.
1	4	24	4	47	1	5	2	5	21	1	4	8	4	25	G	5	29	5	54
2	4	58	5	15	2	5	44	6	7	2	4	46	5	7	2	6	24	6	55
3	5	34	5	53	3	6	35	7	4	3	5	30	5	54	3	7	30	8	5
4	6	17	6	41	G	7	37	8	11	G	6	24	6	54	4	8	40	9	16
5	7	8	7	36	5	8	51	9	3	5	7	28	8	2	5	9	51	10	25
6	8	8	8	41	6	10	10	10	49	6	8	41	9	21	6	10	59	11	32
G	9	19	9	57	7			1	28	7	10		10	38	7			0	1
8	10	36	11	15	8	0	7	0	38	8	11	14	11	50	G	0	29	0	55
9	11	52			9	1	9	1	38	9			0	20	9	1	20	1	45
10	0	30	1	3	10	2	7	2	30	10	0	49	1	16	10	2	10	2	31
11	1	36	2	6	G	2	53	3	11	G	1	42	2	7	11	2	52	3	9
12	2	36	2	57	12	3	28	3	43	12	2	32	2	50	12	3	25	3	41
13	3	18	3	35	13	3	57	4	15	13	3	8	3	24	13	3	56	4	14
G	3	52	4	9	14	4	32	4	50	14	3	39	3	54	14	4	32	4	51
15	4	2	4	44	15	5	7	5	27	15	4	9	4	28	G	5	9	5	29
16	5	3	5	21	16	5	48	6	13	16	4	48	5	7	16	5	50	6	14
17	5	40	6	3	17	6	38	7	5	17	5	28	5	49	17	6	39	7	5
18	6	27	6	50	G	7	32	8	2	G	6	1	6	38	18	7	31	7	58
19	7	13	7	41	19	8	33	9	4	19	7	4	7	32	19	8	26	8	55
20	8	9	8	40	20	9	36	10	8	20	8	1	8	31	20	9	2	9	56
G	9	12	9	44	21	10	40	11	10	21	9	2	9	34	21	10	28	10	57
22	10	16	10	48	22	11	39			22	10	6	10	36	G	11	27	11	55
23	11	20	11	5	23	0	6	0	33	23	11	5	11	34	23			0	23
24			0	20	24	0	57	1	22	24			0	2	24	0	50	1	16
25	0	45	1	9	G	1	45	2	8	G	0	27	0	52	25	1	4	2	10
26	1	32	1	56	26	2	29	2	50	26	1	15	1	39	26	2	34	2	58
27	2	19	2	41	27	3	6	3	22	27	2	2	2	30	27	3	18	3	37
G	2	57	2	13	28	3	37	3	51	28	2	49	3	8	28	3	56	4	16
29	3	27	3	42						29	3	20	3	43	G	4	39	5	3
30	3	55	4	8						30	4	1	4	19	30	5	29	5	54
31	4	26	4	44						31	4	41	5	4					

This Table may serve the following Places, by adding,

	h.	m.
For Tinmouth-Haven, Hartlepool, *and* Amsterdam	0	30
Breft	1	0
Scilly	1	45
Mount's Bay	1	55
Bridlington Pier *and* Humber	2	0

A Table of the Times of High-Water at *London-Bridge*, in the Morning and Afternoon of every Day in the Year 1770.

White.

Mo.	Days	May. Morn. h.	m.	Aftern. h.	m.	Mo.	Days	June. Morn. h.	m.	Aftern. h.	m.	Mo.	Days	July. Morn. h.	m.	Aftern. h.	m.	Mo.	Days	August. Morn. h.	m.	Aftern. h.	m.
	1	0	22	0	51		1	7	53	8	22		1	8	9	8	39		1	9	37	10	11
	2	7	21	7	51		2	8	53		25		2	9	12	9	45		2	10	41	11	12
	3	8	24	8	58		3	9	55	0	25		3	10	16	10	47		3	11	42		
	4	9	5	10	2		4	0	51	11	26		4	11	17	11	47		4	0	12	0	37
	5	10	3	11	2		5	11	53				5			0	15		5	1	3	1	26
	6	11	32				6	0	23	0	49		6	0	43	1	8		6	1	49	2	11
	7	0	3	0	29		7	1	16	1	41		7	1	33	1	57		7	2	33	2	49
	8	0	54	1	18		8	2	6	2	28		8	2	22	2	40		8	3	5	3	20
	9	1	47	2	8		9	2	57	3	6		9	2	59	3	14		9	3	34	3	47
	10	2	33	2	57		10	3	23	3	37		10	3	29	3	43		10	4	0	4	16
	11	3	9	3	2		11	3	51	4	7		11	3	56	4	11		11	4	33	4	51
	12	3	41	3	57		12	4	22	4	38		12	4	25	4	41		12	5	9	5	30
	13	4	13	4	30		13	4	55	5	12		13	4	58	5	15		13	5	51	6	12
	14	4	48	5	6		14	5	29	5	49		14	5	33	5	54		14	6	45	7	16
	15	5	24	5	45		15	6	10	6	33		15	6	16	6	41		15	7	48	8	26
	16	6	7	6	31		16	6	57	7	23		16	7	6	7	36		16	9	4	9	44
	17	6	51	7	19		17	7	49	8	19		17	8	7	8	43		17	10	24	11	2
	18	7	44	8	10		18	8	49	9	23		18	9	20	9	59		18	11	41		
	19	8	37	9	8		19	9	57	10	32		19	10	38	11	17		19	0	15	0	49
	20	9	39	10	10		20	11	7	11	43		20	11	56				20	1	19	1	49
	21	10	41	11	14		21			0	20		21	0	31	1	5		21	2	17	2	44
	22	11	47				22	0	53	1	27		22	1	37	2	9		22	3	3	3	22
	23	0	18	0	46		23	2	0	2	32		23	2	35	3	0		23	3	38	3	55
	24	1	18	1	48		24	3	2	3	37		24	3	19	3	37		24	4	10	4	27
	25	2	15	2	57		25	3	56	3	54		25	3	53	4	9		25	4	46	5	6
	26	3	6	3	30		26	4	14	4	33		26	4	28	4	48		26	5	27	5	48
	27	3	49	4	2		27	4	53	5	14		27	5	7	5	26		27	6	13	6	39
	28	4	31	4	56		28	5	36	5	58		28	5	49	6	12		28	7	6	7	33
	29	5	16	5	38		29	6	23	6	48		29	6	37	7	3		29	8	4	8	35
	30	6	4	6	31		30	7	15	7	59		30	7	32	8	1		30	9	8	9	41
	31	6	58	7	2								31	8	22	9	4		31	10	11	10	41

Adding.

	h.	m.
For Fowey, Loo, *and* Plymouth	3	10
Dartmouth, Harborough, *and* Hull	3	30
Torbay *and* Tinmouth	3	40
Exmouth, Topsham, *and* Lime	3	50
Weymouth	4	25
Bridgwater *and* Texel	4	40
Portland *and* Hartflew	5	50

A Table of the Times of High-Water at *London-Bridge*, in the Morning and Afternoon of every Day in the Year 1770.

Mo. Days.	September. Morn. h.	m.	Aftern. h.	m.	Mo. Days.	October. Morn. h.	m.	Aftern. h.	m.	Mo. Days.	November. Morn. h.	m.	Aftern. h.	m.	Mo. Days.	December. Morn. h.	m.	Aftern. h.	m.
1	11	31	11	41	1			11	3	1	0	16	0	42	1	0	30	1	0
G			0	7	2	0	3	0	28	2	1	8	1	34	G	1	29	1	59
3	0	33	0	57	3	0	52	1	16	3	2	1	2	25	3	2	29	2	52
4	1	21	1	43	4	1	39	2	3	G	2	49	3	8	4	3	14	3	34
5	2	6	2	26	5	2	26	2	45	5	3	28	3	45	5	3	53	4	13
6	2	46	3	1	6	3	4	3	20	6	4	3	4	26	6	4	33	4	54
7	3	16	3	31	G	3	36	3	53	7	4	50	5	12	7	5	16	5	40
8	3	47	4	3	8	4	10	4	32	8	5	35	6	2	8	6	4	6	31
G	4	19	4	39	9	4	55	5	19	9	6	30	7	0	G	6	58	7	26
10	4	59	5	21	10	5	43	6	12	10	7	30	8	2	10	7	54	8	24
11	5	43	6	12	11	6	42	7	13	G	8	35	9	8	11	8	55	9	28
12	6	41	7	13	12	7	45	8	21	12	9	41	10	13	12	10	1	10	31
13	7	46	8	23	13	8	57	9	32	13	10	46	11	16	13	11	2	11	33
14	9	1	9	40	G	10	8	10	41	14	11	46			14			0	[illegible]
15	10	19	10	55	15	11	15	11	46	15	0	14	0	42	15	0	32	1	0
G	11	31			16			0	16	16	1	9	1	36	G	1	26	1	52
17	0	3	0	35	17	0	43	1	10	17	2	2	2	29	17	2	16	2	40
18	1	4	1	33	18	1	36	2	3	G	2	47	3	6	18	2	57	3	14
19	2	0	2	27	19	2	27	2	50	19	3	23	3	40	19	3	29	3	44
20	2	46	3	5	20	3	7	3	2	20	3	55	4	9	20	3	58	4	11
21	3	22	3	38	G	3	41	3	57	21	4	27	4	45	21	4	27	4	44
22	3	54	4	9	22	4	15	4	33	22	5	3	5	22	22	5	0	5	17
G	4	29	4	49	23	4	52	5	12	23	5	42	6	2	G	5	36	5	54
24	5	10	5	30	24	5	33	5	55	24	6	24	6	47	24	6	15	6	33
25	5	54	6	18	25	6	20	6	44	G	7	10	7	34	25	7	0	7	44
26	6	44	7	11	26	7	8	7	33	26	8	1	8	29	26	7	52	8	21
27	7	40	8	10	27	8	1	8	29	27	8	58	9	27	27	8	53	9	2
28	8	41	9	12	G	8	57	9	2	28	9	56	10	25	28	10	0	10	3
29	9	41	10	11	29	9	53	10	2	29	0	56	11	28	29	11	11	11	47
G	10	39	11	7	30	10	51	11	20	30	11	59			G			0	21
					31	11	48								31	0	55	1	26

Subtract.	h.	m.
For Leigh, Maes, *and* Gouries Gut	0	5
Gravesend, Rochester, *and* Rammekins	1	20
Buoy of the Nore *and* Flushing	1	30
Portsmouth, Ostend, Shoe-Becon, *and* Red Sand	2	0
Harwich, Dover, Spithead, *and* Calais	3	0
Gunfleet, Hastings, Shoreham, Orfordness, *and* Diep	4	0
Yarmouth Pier *and* Needle	4	40
St. Helen's *and* Havre-de-Grace	5	30

A Table of the Sun's semi-diurnal Arches, or Times of his visible half Terrience above the Horizon. White.

The SUN's Declination North.

Degr.	Lat. 49		Lat. 50		Lat. 51		Lat. 52		Lat. 53		Lat. 54	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	6	8	6	8	6	8	6	9	6	9	6	9
2	6	12	6	13	6	13	6	14	6	14	6	15
3	6	17	6	18	6	18	6	19	6	19	6	29
4	6	22	6	22	6	22	6	24	6	25	6	25
5	6	26	6	27	6	27	6	29	6	30	6	31
6	6	31	6	32	6	33	6	34	6	36	6	37
7	6	36	6	37	6	38	6	40	6	41	6	43
8	6	41	6	42	6	43	6	45	6	47	6	48
9	6	45	6	47	6	48	6	50	6	52	6	54
10	6	50	6	52	6	54	6	56	6	58	7	0
11	6	55	6	57	6	59	7	1	7	3	7	6
12	7	0	7	2	7	4	7	7	7	9	7	12
13	7	5	7	7	7	10	7	12	7	15	7	18
14	7	10	7	13	7	15	7	18	7	21	7	24
15	7	15	7	18	7	21	7	24	7	27	7	31
16	7	21	7	24	7	27	7	30	7	33	7	37
17	7	26	7	29	7	33	7	36	7	40	7	44
18	7	31	7	35	7	38	7	42	7	46	7	51
19	7	37	7	41	7	45	7	49	7	53	7	58
20	7	43	7	47	7	51	7	55	8	0	8	5
21	7	49	7	53	7	57	8	2	8	7	8	12
22	7	55	7	59	8	4	8	9	8	14	8	20
23	8	1	8	6	8	11	8	16	8	22	8	28
24	8	7	8	12	8	18	8	24	8	30	8	36

By these Tables the Times of the Sun's Rising and Setting may be found, in any Part of the Kingdom of *Great-Britain* or *Ireland*, after the following Manner: Where the Latitude of the Place is known, take the Sun's Declination out of the Table, on the Noon of the Day you desire to know the Time of his Rising and Setting; and with it, according as it is either North or South, enter these Tables in the Left-

A Table of the Sun's semi-diurnal Arches, or Times of his visible half Tarriance above the Horizon. White.

The Sun's Declination South.

Degr.	Lat. 49		Lat. 50		Lat. 51		Lat. 52		Lat. 53		Lat. 54	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	5	59	5	59	5	58	5	58	5	58	5	58
2	5	54	5	54	5	53	5	53	5	53	5	53
3	5	49	5	49	5	49	5	48	5	48	5	47
4	5	45	5	44	5	44	5	43	5	42	5	42
5	5	40	5	39	5	39	5	38	5	37	5	36
6	5	35	5	35	5	34	5	33	5	31	5	30
7	5	31	5	30	5	29	5	27	5	26	5	25
8	5	26	5	25	5	23	5	22	5	21	5	19
9	5	21	5	20	5	18	5	17	5	16	5	13
10	5	17	5	15	5	13	5	11	5	10	5	8
11	5	12	5	10	5	8	5	6	5	4	5	2
12	5	7	5	5	5	3	5	0	4	58	4	56
13	5	2	5	0	4	57	4	55	4	52	4	50
14	4	57	4	54	4	52	4	49	4	47	4	44
15	4	52	4	49	4	46	4	44	4	41	4	37
16	4	46	4	45	4	41	4	38	4	34	4	31
17	4	41	4	38	4	35	4	32	4	28	4	23
18	4	36	4	33	4	29	4	26	4	22	4	18
19	4	30	4	27	4	23	4	19	4	15	4	11
20	4	25	4	21	4	17	4	13	4	9	4	4
21	4	19	4	15	4	11	4	6	4	2	3	57
22	4	13	4	9	4	4	4	0	3	55	3	50
23	4	7	4	3	3	58	3	53	3	47	3	42
24	4	1	3	56	3	51	3	46	3	40	3	34

Left-hand Column, under the Word Degrees; then look the Latitude of the Place in the Top of the Table; and in that Column, againſt the Sun's Declination, will be found the Time of his viſible half Tarriance above the Horizon, or Time of his Setting, correct by Refraction; then ſubtract the Time of his Setting from 12 Hours, the Remainder will be the Time of his Riſing; double the Time of his Setting, the

A Table of the Sun's ſemi-diurnal Arches, or Times of his viſible half Tarriance above the Horizon. White.

The Sun's Declination North.

Degr.	Lat. 55		Lat. 56		Lat. 57		Lat. 58		Lat. 59		Lat. 60	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	6	9	6	10	6	10	6	10	6	11	6	11
2	6	15	6	16	6	16	6	17	6	17	6	18
3	6	21	6	22	6	23	6	23	6	24	6	25
4	6	27	6	28	6	29	6	30	6	31	6	32
5	6	32	6	34	6	35	6	36	6	38	6	39
6	6	38	6	40	6	41	6	43	6	44	6	46
7	6	44	6	46	6	48	6	49	6	51	6	53
8	6	50	6	52	6	54	6	56	6	58	7	1
9	6	56	6	58	7	1	7	3	7	5	7	8
10	7	2	7	5	7	7	7	10	7	13	7	16
11	7	8	7	10	7	14	7	17	7	20	7	23
12	7	15	7	18	7	21	7	24	7	27	7	31
13	7	21	7	24	7	28	7	31	7	35	7	39
14	7	28	7	31	7	35	7	39	7	43	7	47
15	7	34	7	39	7	42	7	46	7	51	7	56
16	7	41	7	45	7	49	7	54	7	59	8	4
17	7	48	7	52	7	57	8	1	8	7	8	13
18	7	55	8	0	8	5	8	10	8	16	8	22
19	8	2	8	7	8	13	8	19	8	25	8	32
20	8	10	8	15	8	21	8	28	8	35	8	44
21	8	18	8	24	8	30	8	37	8	45	8	59
22	8	26	8	32	8	39	8	47	8	55	9	2
23	8	34	8	41	8	49	8	57	9	6	9	13
24	8	43	8	51	8	59	9	8	9	18	9	29

the Sum will be the Length of the Day; and double the Time of his Riſing, the Sum will be the Length of the Night. But if the Latitude of the Place, and Declination of the Sun, conſiſt of Degrees and Minutes, then a ſmall Allowance muſt be made for the Minutes in both Caſes, which may be done by a Perſon of an ordinary Capacity by a mental Proportion only. Thus, to find the Time of the Sun's Riſing and Setting at

A Table of the Sun's semi-diurnal Arches, or Times of the visible half Tarriance above the Horizon. White.

The Sun's Declination South.

Degr.	Lat. 55		Lat. 56		Lat. 57		Lat. 58		Lat. 59		Lat. 60	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
0	6	4	6	4	6	4	6	4	6	4	6	4
1	5	58	5	58	5	58	5	58	5	57	5	57
2	5	52	5	52	5	52	5	51	5	51	5	50
3	5	47	5	46	5	45	5	45	5	44	5	43
4	5	41	5	40	5	39	5	38	5	37	5	36
5	5	35	5	34	5	33	5	32	5	31	5	29
6	5	29	5	28	5	27	5	25	5	24	5	22
7	5	23	5	22	5	20	5	19	5	17	5	15
8	5	17	5	16	5	14	5	12	5	10	5	8
9	5	12	5	10	5	8	5	5	5	3	5	2
10	5	5	5	3	5	1	4	59	4	56	4	53
11	4	59	4	57	4	54	4	52	4	49	4	46
12	4	53	4	51	4	48	4	45	4	42	4	38
13	4	47	4	44	4	41	4	38	4	34	4	30
14	4	41	4	37	4	34	4	30	4	27	4	23
15	4	34	4	31	4	27	4	23	4	19	4	14
16	4	27	4	24	4	20	4	15	4	11	4	6
17	4	21	4	17	4	12	4	8	4	3	3	57
18	4	14	4	9	4	5	4	0	3	54	3	48
19	4	7	4	2	3	56	3	51	3	45	3	39
20	3	59	3	54	3	49	3	43	3	36	3	29
21	3	52	3	46	3	40	3	34	3	27	3	19
22	3	44	3	38	3	31	3	24	3	17	3	9
23	3	36	3	29	3	23	3	15	3	6	2	57
24	3	27	3	20	3	13	3	5	2	55	2	45

At *Aberdeen* in *Scotland*, on the Longeſt Day, the Latitude of that Place is accounted 57 Deg. 7 Min. North, and the Sun's Declination 23 Deg. 29 Min. likewiſe North. By theſe you will find by the Table, that 4 Min. for the Sun's Declination, and 1 Min. for the Latitude of the Place, are both to be added to 8 Hours 50 Min. the Time belonging to 57 Deg. of Latitude and 23 Deg. of North Declination, and the Sum will be 8 Hours 55 Min. the Time of his apparent Setting at *Aberdeen*, on the longeſt Day, whoſe Complement to 12 Hours, *viz.* 3 Hours 5 Min. will be the Time of his Riſing, *&c.*

A Table of the right Aſcenſions in Time, Semidiurnal Arches, Declinations, and Magnitudes of 30 remarkable fixed Stars, with their Names, and *Bayer's* Literal References, as they ſtand in Mr. *Flamſteed's* Catalogue. Exactly rectified to the Beginning of the Year 1770.

The Names of STARS.	Bay. Gr.	R. Aſcen h.	m.	ſ.	Semidiur Arches. h.	m.	ſ.	Declination. d.	m.	ſ.	Magn.
The Southern Star in Andromeda's Girdle, Mirach.	β	0	56	39	to	6	20	34	22	35 N	2
The bright one in her left Foot, Alamack.	γ	1	49	54	ſets	not		41	12	17 N	2 3
The unformed Star above the Ram's Head.	α	1	54	1	8	9	15	22	21	24 N	2
In the Head of Meduſa, Algol.	β	2	53	14	ſets	not		40	2	37 N	2 3
In Perſeus's right Side, Algenib.	α	3	7	56	ſets	not		49	1	24 N	2 3
The Middle and brighteſt of the 7 Stars.	η	3	33	50	8	16	26	23	22	15 N	3
The Bull's South Eye, Aldebaran.	α	4	22	43	7	28	44	16	1	38 N	1
In the left Shoulder of Auriga, Capella.	α	4	59	40	ſets	not		45	45	37 N	1
The left Foot of Orion, Rigel.	β	5	3	28	5	20	27	8	29	5 S	1
The middle Star in his Girdle.	ε	5	24	30	5	56	45	1	22	7 S	2
In his right Shoulder, Betelgeuſe.	α	5	42	42	6	41	2	7	20	52 N	1
In the great Dog's Mouth, Sirius.	α	6	35	3	4	37	18	16	22	39 S	1
In the Head of the 1ſt Twin, Caſtor and Apollo.	α	7	19	55	9	38	52	32	23	3 N	1
In the leſſer Dog's Thigh, Procyon	α	7	27	16	6	33	12	5	49	47 N	1 2
In the Head of the 2d Twin, Pollux or Hercules.	β	7	31	14	8	58	42	28	34	38 N	2
Hydra's Heart, Alphard.	α	9	16	1	5	24	47	7	39	35 S	2
The Lion's Heart, Regulus.	α	9	56	8	7	11	54	13	5	25 N	1
In the Extremity of his Tail, Denebola.	β	11	37	2	7	27	48	15	51	52 N	1 2
In the Virgin's right Wing, Vindemiatrix.	ε	12	50	45	7	7	1	12	12	5 N	3
In her Left-hand, Aſſiſta.	α	13	13	0	5	12	50	9	56	46 S	1
Between the Thighs of Bootes, Arcturus.	α	14	5	12	7	56	13	20	26	35 N	1
In the Southern Scale of Libra.	α	14	38	13	4	44	50	15	4	2 S	2
In the Northern Scale of Libra.	β	15	4	41	5	20	16	8	31	10 S	2
The Bright Star in the Northern Crown.	α	15	24	58	8	49	3	27	30	3 N	2 3
The Scorpion's Heart, Antares.	α	16	15	20	3	34	28	25	53	59 S	1
In the Head of Serpentarius.	α	17	24	12	7	9	56	12	44	10 N	2
Bright Star in the Harp, Lyra.	α	18	29	7	ſets	not		38	34	14 N	1
Bright Star in the Eagle, Atair.	α	19	39	20	6	45	47	8	15	23 N	1 2
In the Mouth of the Southern Fiſh, Fomalhaut.	ε	22	44	47	2	51	37	30	50	27 S	2 1
In the Wing of Pegaſus, Markab.	α	22	53	15	7	16	43	13	56	51 N	2

A Table of the Sun's right Aſcenſion in Time, exactly calculated according to the greateſt Obliquity of the Ecliptic 23deg. 29m.

Degr.	♈ h.	m.	ſ.	♉ h.	m.	ſ.	♊ h.	m.	ſ.	♋ h.	m.	ſ.	♌ h.	m.	ſ.	♍ h.	m.	ſ.
0	0	0	0	1	51	37	3	51	14	6	0	0	8	8	46	10	8	23
1	0	3	40	1	55	26	3	55	2	6	4	22	8	12	55	10	12	12
2	0	7	20	1	59	16	3	59	3	6	8	47	8	17	4	10	16	1
3	0	11	0	2	3	7	4	3	47	6	13	5	8	21	12	0	19	49
4	0	14	41	2	6	58	4	7	59	6	17	26	8	25	20	10	23	36
5	0	18	21	2	10	50	4	12	12	6	21	48	8	29	26	10	27	28
6	0	22	2	2	14	43	4	16	25	6	26	9	8	33	32	10	31	19
7	0	25	42	2	18	36	4	20	40	6	30	30	8	37	38	10	34	55
8	0	29	23	2	22	30	4	24	54	6	34	51	8	41	42	10	38	40
9	0	33	4	2	26	24	4	29	9	6	39	11	8	45	46	10	42	25
10	0	36	45	2	30	20	4	33	25	6	43	32	8	49	49	10	46	10
11	0	40	26	2	34	16	4	37	41	6	47	52	8	53	52	10	49	54
12	0	44	8	2	38	12	4	41	58	6	52	12	8	57	53	10	53	37
13	0	47	49	2	42	9	4	46	16	6	56	31	9	1	54	10	57	21
14	0	51	31	2	46	8	4	50	33	7	0	50	9	5	54	11	1	4
15	0	55	14	2	50	6	4	54	51	7	5	9	9	9	54	11	4	46
16	0	58	56	2	54	6	4	59	10	7	9	27	9	13	52	11	8	29
17	1	2	39	2	58	6	5	3	29	7	13	44	9	17	51	11	12	11
18	1	6	23	3	2	7	5	7	48	7	18	2	9	21	48	11	15	52
19	1	10	6	3	6	8	5	12	8	7	22	19	9	25	44	11	19	35
20	1	13	50	3	10	11	5	16	28	7	26	35	9	29	40	11	23	15
21	1	17	35	3	14	14	5	20	49	7	30	51	9	33	36	11	26	56
22	1	21	20	3	18	18	5	25	9	7	35	6	9	37	30	11	30	37
23	1	25	5	3	22	22	5	29	30	7	39	20	9	41	24	11	34	18
24	1	28	51	3	26	28	5	33	51	7	43	35	9	45	17	11	37	58
25	1	32	37	3	30	34	5	38	12	7	47	48	9	49	10	11	41	39
26	1	36	24	3	34	40	5	42	34	7	52	1	9	53	2	11	45	19
27	1	40	11	3	38	48	5	46	55	7	56	13	9	56	53	11	49	0
28	1	43	59	3	42	56	5	51	17	8	0	26	10	0	44	11	52	40
29	1	47	48	3	47	5	5	55	38	8	4	38	10	4	34	11	56	20
30	1	51	37	3	51	14	6	0	0	8	8	46	10	8	23	12	0	0

ADVERTISEMENT.

THE Author of this Ephemeris, deſires all thoſe who ſhall favour him with their Letters, eſpecially concerning Points of Curioſity, to pay the Poſtage; if not, their Letters will be return'd unanſwered.

A Table of the Sun's right Ascention in Time, exactly calculated according to the greatest Obliquity of the Ecliptic 23 deg. 29 min.

Degr.	♎			♏			♐			♑			♒			♓		
	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.	h.	m.	s.
0	12		0	13	51	37	15	51	14	18	0	0	20	8	40	22	8	23
1	12	3	40	13	55	26	15	55	2	18	4	22	20	12	55	22	12	12
2	12	7	20	13	59	16	15	58	53	18	8	43	20	17	4	22	16	1
3	12	11	0	14	3	7	16	3	47	18	13	5	20	21	12	22	19	49
4	12	14	41	14	6	68	16	7	59	18	17	26	20	25	20	22	23	36
5	12	18	21	14	10	50	16	12	12	18	21	48	20	29	26	22	27	23
6	12	22	2	14	14	43	16	16	24	18	26	9	20	33	33	22	31	9
7	12	25	42	14	18	36	16	20	36	18	30	30	20	37	38	22	34	55
8	12	29	23	14	22	30	16	24	4	18	34	51	20	41	42	22	38	40
9	12	33	4	14	26	24	16	29	9	18	39	11	20	45	46	22	42	25
10	12	36	45	14	30	20	16	33	23	18	43	32	20	49	49	22	46	10
11	12	40	26	14	34	13	16	37	41	18	47	52	20	53	52	22	49	54
12	12	44	8	14	38	12	16	54	58	18	52	12	20	57	53	22	53	37
13	12	47	49	14	42	9	16	46	16	18	56	31	21	1	54	22	57	21
14	12	51	31	14	46	8	16	50	33	19	0	50	21	5	54	23	1	4
15	12	55	14	14	50	6	16	54	51	19	5	9	21	9	54	23	4	46
16	12	58	56	14	54	6	16	59	10	19	9	27	21	13	52	23	8	29
17	13	2	39	14	58	6	17	3	20	19	13	44	21	17	51	23	12	11
18	13	6	23	15	2	7	17	7	48	19	18	2	21	21	48	23	15	50
19	13	10	6	15	6	8	17	12	8	19	22	19	21	25	44	23	19	34
20	13	13	50	15	10	11	17	16	28	19	26	35	21	29	40	23	23	15
21	13	17	35	15	14	14	17	20	49	19	30	51	21	33	36	23	26	56
22	13	21	20	15	18	18	17	25	9	19	35	6	21	37	30	23	30	37
23	13	25	5	15	22	22	17	29	30	19	39	20	21	41	24	23	34	18
24	13	28	51	15	26	28	17	33	51	19	43	35	21	45	17	23	37	58
25	13	32	37	15	30	34	17	38	12	19	47	48	21	49	10	23	41	39
26	13	36	24	15	34	40	17	42	34	19	52	1	21	53	2	23	45	19
27	13	40	11	15	38	48	17	46	55	19	56	13	21	56	53	23	49	0
28	13	43	59	15	42	56	17	51	17	20	0	25	22	0	44	23	52	40
29	13	47	48	15	47	5	17	55	38	20	4	35	22	4	34	23	56	20
30	13	51	37	15	51	14	18	0	0	20	8	40	22	8	23	24	0	0

The Uſe of the Table of the fixed Stars, and of the Sun's *right Aſcenſion in Time.*

THE Time of the Southing or Meridian Tranſits of the tabulated fixed Stars may be very exactly found after this Manner:

On the Noon of the Day, preceding the Night, in which you deſire to know the Time of the Southing of any of theſe Stars, find by the EPHEMERIS the *Sun*'s Place, and with it take out of the Table his right Aſcenſion in Time. This you may do to a Minute by Inſpection, which will be ſufficient for your preſent Purpoſe: Then from the right Aſcenſion of the Star, as it is placed in the Table, ſubtract the right Aſcenſion of the *Sun*, the Remainder will be the eſtimate Time of the Stars Southing, and will not differ from the true Time above two or three Minutes at fartheſt, which may be near enough for ordinary Uſes: But if Exactneſs is required, then reduce the *Sun*'s Place to this eſtimate Time, and take out of the Table his right Aſcenſion in Hours, Minutes and Seconds, and Subtract it from that of the Star, the remaining Numbers will ſhew the true Time of the Star's Culmination or Southing. And if from the Time of the Stars Southing you ſubtract the ſemi-diurnal Arch belonging to it, the Remainder will be the Time of the Star's viſible Riſing; and being added to it, the Sum will be the Time of its viſible Setting.

EXAMPLE of SIRIUS, February 17th this Year, 1770.

Place of the Sun at Noon	♒	28	57
	h.	m	ſ.
Right Aſcenſion of Sirius	6	35	3
Right Aſcenſion of the Sun ſubtract	22	4	23
Eſtimate Time of the Star's Southing	8	30	40
Right Aſcenſion of the Sun at that Time ſubtract	22	5	44
True Time of the Star's Southing	8	29	19
Semidiurnal Arch ſubtract and add	4	37	18
True Time of the Star's Viſible Riſing Aftern.	3	52	1
True Time of the Star's viſible Setting next Morning.	1	6	37

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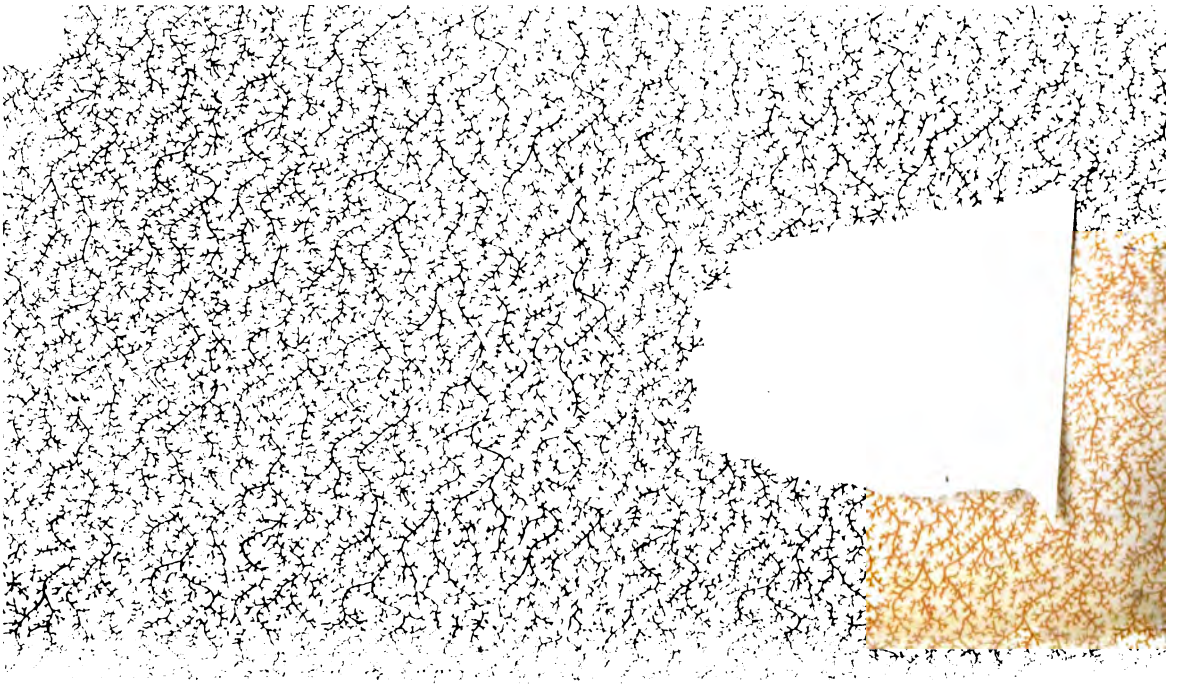

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